

America	Sch. 18	Indonesia	Rs 2000	Portugal	Esc 50
Belgium	Dfl. 0.650	Willy	L 1200	Spain	Es 500
Bulgaria	BG 42	Japan	Yen 500	Sweden	SEK 4.18
Canada	C\$1.00	Jordan	Fls. 500	Switzerland	Fr 2.20
Cyprus	£C 60	Korea	Fls. 500	Taiwan	NTS 30
Denmark	Dkr. 7.25	Lithuania	L 8.00	Thailand	฿ 5.50
Egypt	£E 2.00	Malta	ME 1.50	Tunisia	Db 1.00
Finland	Ft. 5.00	Mexico	Fls. 500	U.S.A.	\$ 1.00
France	Fr. 2.20	Nigeria	Na 5.00	U.K.	£ 1.00
Germany	DM 2.20	Poland	Zl 2.00	U.S.S.R.	R 1.00
Greece	Dr. 7.00	Portugal	Esc 500	Yugoslavia	Y 1.00
Hong Kong	HK\$ 12	Norway	Nr. 8.00	Zambia	Z 1.00
Ireland	Rep. 15	Philippines	Pes. 20	Zimbabwe	Db 6.50

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World news

Business summary

Tamils kill nine on eve of peace bid

Tamil separatist guerrillas killed seven policemen and two top Tamil politicians, apparently as a warning against holding peace talks with Sri Lanka's Government.

President Junius Jayewardene will discuss today with his Cabinet a new set of proposals on devolution of Tamil areas that were drafted in New Delhi by his special envoy and senior Indian officials.

Indian Premier Rajiv Gandhi has said the new proposals are a "good basis" for a resumption of talks between the Sri Lanka Government and the Tamils. Page 2

Soviet pledge

Moscow will propose radical nuclear missile cuts as soon as the US agrees to discuss limits to the militarisation of space, Soviet leader Mikhail Gorbachev said. Page 6

Minister survives

West Germany's ruling coalition defeated opposition efforts to force the resignation of Interior Minister Friedrich Zimmermann over a spy scandal. Page 2

UK spies accused

Fresh allegations have surfaced in the French press that the British secret service helped to pin on its colleagues in the French foreign intelligence services the blame for blowing up the Rainbow Warrior, the Greenpeace ship. Page 2

Jakarta curbs

Indonesians wanting to move to Jakarta, the country's capital, might have to prove they are literate and practice birth control.

Guatemala killing

Guerrillas firing from a speeding car killed a pedestrian and wounded two others as demonstrations rocked Guatemala City over higher public transport fares. Page 8

Judge sentenced

Australian High Court judge and former attorney general Lionel Murphy was sentenced in jail for trying to pervert the course of justice. Page 3

Death for plotters

Fourteen Moroccans were sentenced to death by a Casablanca criminal court after being convicted of plotting to overthrow the monarchy and set up an Islamic regime. Page 3

Ukrainian sentenced

A Ukrainian Catholic civil rights activist has been sentenced to seven years in a labour camp followed by five years' internal exile for involvement in a banned church group. Page 3

Anti-rebel drive

Afghanistan said security forces were succeeding in a big anti-guerrilla offensive near the Pakistani border.

Uganda peace talks

Peace talks resume in Nairobi to-day between Uganda's new military rulers and the country's biggest guerrilla group, the NRA. Page 3

Israelis stabbed

Two Israeli army reservists were stabbed, one of them seriously, in the casbah area of Hebron, the predominantly Arab town. In south Lebanon, a suicide bomber rammed an explosives-packed car into a pro-Israeli militia post, killing himself and wounding eight civilians and militiamen. Page 5

Explosions 'political'

Libyan leader Col Muammar Gaddafi said the explosion of thousands of guest workers from the country was political and not caused by economic pressures. Page 6

Hanson raises offer for SCM

HANSON TRUST of the UK increased its bid for SCM, the New York-based conglomerate, by a fifth to \$83m. The move was a last-minute attempt to block SCM plans to ward off Hanson through a management buyout. Page 16. Hanson stake in Bowater, Page 21.

DOLLAR rose quite sharply in London, closing at DM 2.854 (DM 2.835), SwFr 2.351 (SwFr 2.338), FFr 8.715 (FFr 8.645) and Yen 239.45 (Yen 238.5). On bank of England figures, the dollar's exchange-rate index rose from 139.4 to 139.1. Page 27.

STERLING lost 85 points against the dollar in London to \$1.269. It was also weaker at DM 3.9075 (DM 3.915), SwFr 3.2175 (SwFr 3.22), FFr 11.9425 (FFr 11.9225) and Yen 230.0 (Yen 229.0). The pound's exchange-rate index closed at 82.0 from 82.3. Before Nedbank clarification of

Fresh debt worries send rand sharply lower

THE RAND fell steeply on South African exchange markets yesterday as new worries surfaced about the effectiveness of Sunday's four-month moratorium on debt repayments. In nervous trading it shed nearly 4 U.S. cents to U.S. cents 41.75.

Dealers said the main concern centred on the failure of the country's third-largest banking group, Nedbank, to obtain an exemption for its foreign offices to the moratorium. Other banks, including Volkskas, Trustbank and French Bank, a subsidiary of France's Banque Indosuez, have obtained permission to operate normally abroad.

Earlier this week, the two smaller

South African banks announced that they had been given central bank dispensation for their overseas branches to operate normally.

It said that while Trust Bank and Volkskas might be able to prove that - or that their foreign loan commitments were very small - Nedbank clearly could not do so.

"Because of the freeze there is nothing that we can do," an official

said. However, the inability of Ned-

bank to operate normally in inter-

national financial markets has also

concerned the Bank of England to seek

clarification from the South African

Reserve Bank.

The UK authorities are under-

stood to need assurances that the

moratorium has no knock-on effect

in other money market transactions

unconnected with South Africa.

Before Nedbank clarification of

its position abroad, its shares had

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No comment was available from the

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French renew claim of UK role in Greenpeace affair

THE FRENCH press is making new claims that the British secret service dealt its colleagues in the French foreign intelligence service (DGSE) an unscrupulous hand in helping to pin on them the blame for blowing up the Greenpeace boat, Rainbow Warrior, writes David Housego in Paris.

The allegations appeared in *Le Monde* last night in a front page article under the headline: "Greenpeace: the mysteries of London." They

come in the wake of continuing accusations and innuendoes by French officials and newspapers that Britain had a part in implicating the French secret service. Even *Le Monde*'s editor-in-chief, Bernard Trottier, in a newspaper interview last week, implied that there was a dubious British role when he said: "I hope that I am not inventing a thriller when I say that something occurred which went beyond even the concerns of the DGSE."

Le Monde's claims are

based on two pieces of testimony. The first is a declaration by an unnamed source in Britain "close to the inquiry" that the boat, which sank in New Zealand had long been known to the British secret service which tipped off New Zealand that they were on their way to Auckland. The couple have been revealed as French agents and are awaiting trial on charges relating to the sinking. He was in London in May under an alias and is said to have telephoned the DGSE. The second piece of evidence is that the British

police (and probably the secret service) were on the trail a month ago of the French agent who purchased the Zodiac inflatable boat found shortly after the sinking. *Le Monde* alleges that the Zodiac was bought by Gerald Andries, a French agent and part of the crew of the yacht Ouvre, which left Auckland shortly before the sinking. He was in London in May under an alias and is said to have telephoned the DGSE. The name of the agent was not publicly known at the time.

The newspaper claims to know that the British police were on his trail a month ago because they were questioning the boat company about Andries' movements. Shortly afterwards, the Metro Radio Cab company says, it was questioned by New Zealand police.

Le Monde goes no further than to raise questions about why the Zodiac, made in France, should have been purchased in London and whether the British services

have kept up a flow of information to New Zealand about the movement of French agents. But the questions are now being raised in the court about Andries' movements. Separately, afterwards, the newspaper claims to have gone to London to purchase a Zodiac that could be bought anywhere and that from there he should have phoned the DGSE. The name of the agent was not publicly known at the time.



Herr Kehl (right) and Herr Ganscher at yesterday's Bundestag debate

Bonn coalition defeats bid to unseat Zimmermann

BY OUR BONN STAFF

THE WEST GERMAN coalition yesterday defeated efforts by the opposition Social Democrats (SPD) and Greens to force the resignation of Herr Friedrich Zimmermann, the Interior Minister, over his role in the defection to East Germany of Bonn's top counter-intelligence official, Herr Hans Joachim Tiedje.

The Bundestag voted 274 to 214 against an SPD motion calling on Chancellor Helmut Kohl to sack Herr Zimmermann, despite a furious attack by Herr Hans-Joachim Vogel, the SPD's parliamentary leader.

Herr Vogel accused Herr Zimmermann of being "clueless" about counter-intelligence. The defection had seriously damaged international confidence in West Germany's ability to keep secrets, and the toleration of Herr Tiedje's drunkenness meant the country was

being portrayed as a banana republic abroad.

He said Herr Zimmermann's claims not to have known about Herr Tiedje's well-known drink, debt and emotional problems is highly improbable.

Herr Zimmermann, claiming he had handled the defection correctly once details of Herr Tiedje's drinking and debts were first given him on August 21, dismissed the charges as petty. He was able to answer most of the questions put to him, saying these could be answered in the secret parliamentary internal affairs committee.

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Nato chief urges West to extend search for agents

CASTEAU - U.S. General Bernard Rogers, the senior Nato commander in Europe, said in Belgium yesterday that Western nations must "push harder" to identify Warsaw Pact spies, AP reports.

The general appeared to be mildly critical of West Germany's failure to prevent the defection to East Germany of Herr Hans Joachim Tiedje, a senior counter-espionage official.

Herr Tiedje, who had been in charge of West German operations against East German agents, defected to East Germany last month. He had been known to have debts and alcohol-related problems before his disappearance.

Gen Rogers said the Nato allies must "watch very closely and take appropriate action (when) circumstantial evidence would indicate that the kind of life a person is lead-

ing might cause him to be vulnerable to being enticed to become an agent for the other side."

Gen Rogers said the West German spy scandal showed the Soviet Union's capability to infiltrate the intelligence systems of the West.

"What is disappointing to us is that our counter-intelligence systems... within our nations have not been able to identify these personnel before they have done serious damage to our systems," he said.

"We all have to ensure that our counter-intelligence - national and international - push harder as the Pact's commander-in-chief.

Jaruzelski denial

Poland yesterday denied a U.S. claim that General Wojciech Jaruzelski, the Polish military leader, had been refused a meeting with President Ronald Reagan. Poland's spokesman did not immediately say what had been requested.

Gen Rogers spoke at Supreme Headquarters Allied Powers Europe in Casteau after giving a briefing on Nato's annual autumn exercise that will take place throughout Western Europe in September and October.

Danish warning

Denmark's central bank governor, Mr Erik Hoffmeyer, yesterday said that the Government should tighten fiscal policy in order to curb consumer demand "as soon as possible," writes Hilary Barnes in Copenhagen. His comments follow those of the August foreign exchange figures which showed an outflow of DKr 3.6bn (\$506m) taking the reserves to DKr 43.5bn.

Turk smuggling ring uncovered

POLICE in Switzerland have arrested seven people - three Swiss and four Italians - suspected of smuggling Turks from Italy into Switzerland, AP reports.

The seven, including one Swiss woman, were arrested "during the past few days," said a police spokesman from the Ticino canton state police.

The spokesman refused to say how many Turks the ring was believed to have smuggled across the border.

Police stoned by immigrants

MARSEILLES police shot a man dead after a stone-throwing residents, many of them Algerian immigrants, in a two-hour battle, M. Pierre Soumille, regional prefect, said.

The dead man was one of a group who police said had attempted to rob a truck carrying electronics equipment. They said they cornered the men in a low-rent housing development and shot were exchanged.

A spokesman refused to say how many Turks the ring was believed to have smuggled across the border.

Danish foreign policy goes every which way but right

BY HILARY BARNES IN COPENHAGEN

DANISH foreign policy under the present Conservative-led minority coalition Government is causing serious concern to the Government itself, to its allies in Nato and the EEC, and, not least, to the country's ambassadors. They are satisfied with the task of explaining policies which are not those of the Government they serve, but of the left-wing opposition in the Folketing (parliament).

The dilemma in which the Government of the Conservative, Liberal, Centre-Democratic and Christian People's parties finds itself has existed since the coalition took office in the autumn of 1982. But the situation has not become any easier with time.

The most serious problems have arisen over Denmark's relationship with Nato. The logical consequence of policies adopted by the largest opposition party, the Socialist Democrats, appears to be a gradual disengagement from Nato. The party's leaders deny that this is the intention, however.

Until they left office in 1982 the Social Democrats dominated post-war politics and have changed their policies since they were in office. The curious composition of the nine-party Folketing has enabled them to impose this new policy on the Government.

There is no clear majority of left or right in the Folketing and this gives the liberal Radical Party, with 10 of the 179 seats, an opportunity to exploit its pivotal role. It has a long-standing neutralist and anti-military tradition, and supports the Prime Minister, Mr Poul Schlüter, on economic issues. However, it votes with the left on defence and foreign policy. The left includes the Social Democrats, the Socialist People's Party, and the Marxist-Leninist Left Socialist Party.

The Social Democrats, the biggest single party with 56 seats, have adopted the left-wing majority to pin the Government down on foreign policy issues through its less than 13 Folketing resolutions. Its policies are anathema to the Government and to Denmark's Western allies, but so far Mr Schlüter has given priority to getting the debt-burdened economy back on the rails (with some success).

The Government is anxious to avoid a showdown which, by opening up a permanent split between the Government parties and the Social Democrats on such crucial issues, could have damaging consequences.

One of Denmark's most senior diplomats said recently: "The frontier posts of foreign policy have been moved farwards under the present Government. If they are moved any

further left, the consequences (for relations with the U.S. and our other allies) may be incalculable. The three most prominent frontiers to have moved left are:

- Denmark opposed the deployment of Nato's intermediate range nuclear missiles, although the Social Democrats - and in office - had signed the 1979 Nato twin-track decision on which deployment was based. Denmark refused to pay part of its financial contribution to the joint Nato infrastructure programme associated with the missile programme. This was seen by the rest of Nato as an unacceptable breach of solidarity.
- Denmark opposed participation in U.S. President Ronald Reagan's Strategic Defence Initiative, and condemned the programme, the only Nato country to do so.
- The left-wing opposition for the establishment of a Nordic nuclear-free zone, guaranteed by the super powers. The Nordic countries are de facto nuclear-free already, as Denmark and Norway decided in 1986 that they would not permit nuclear weapons on their territory in time of peace. If adopted by Denmark (and/or Norway) it would call into question Nato and more specifically the U.K., U.S. and West German commitments to reinforce Denmark.

The "peace movement" wing of the Social Democratic Party has already stalled out the next positions for moving leftward. Party policy, as laid down by the party congress in the autumn of 1984, states that the party should "work actively to keep Denmark free of nuclear weapons in time of peace, crisis or war."

Mr Lasse Bodtz, the party's parliamentary foreign affairs spokesman, said in August that "in my personal opinion" Denmark could

not be expected to change its policy on nuclear weapons. "It is possible to have made no progress."

As long as the left-wing majority does not force policies on the Government which directly threaten Nato membership, the Government clearly believes that discretion is the better part of valour.

Denmark's allies, and some of its diplomats, are not so sure. They are deeply concerned by the steps already taken to distance Denmark from its allies and fear that one step may all too easily lead to more.

The Danish diplomat left the following question hanging: "Is it possible to continue like this over a longer period without the Government making up its mind what it wants to do with its foreign policy?" In Washington, London and Bonn, an answer is awaited.

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Tamil extremists kill police, politicians as peace plan pondered

BY MERVYN DE SILVA IN COLOMBO

TAMIL separatist guerrillas have killed seven policemen and two top Tamil politicians in a serious escalation of the country's ethnic conflict.

A government spokesman said about 150 guerrillas had attacked a police station at Eravut in Eastern Province with rocket-propelled grenades, mortars, bombs and machine guns on Monday night. Seven policemen were killed, 12 were wounded and one was abducted.

Separately guerrillas killed two former Tamil members of parliament, members of the Tamil United Liberation Front (Tul) after seizing them from their homes in the northern Jaffna district. The bullet-ridden bodies of Mr A. M. Alahendaran and Mr Visvanathan Amarasingham were found yes-

terday morning.

It is also clear, if Indirect,

warning to the Indian Government which, though divided with Colombo's offer of limited devolution, is still on a negotiating platform, at least in order to meet the new and unexpected threat of political terrorism.

President Junius Jayewardene will discuss today with his Cabinet a new set of proposals on devolution for Tamil areas that were drafted last week in New Delhi by his brother and special envoy Mr H. R. Jayewardene and senior Indian officials. Mr Rajiv Gandhi, the Indian Premier, has said that the new proposals were a "good basis" for a resumption

Punjab election candidates to be given bodyguards

BY JOHN ELLIOTT IN CHANDIGARH

A MAJOR security operation is being launched in the Indian state of Punjab to protect candidates from assassination in the state election campaign, which formally starts tomorrow.

About 15,000 police and paramilitary forces have been drafted into the state from other parts of India to protect candidates following the killing last month of Sant Harchand Singh Longowal, president of the Akali Dal, the Sikhs' main political party, by Sikhs terrorists.

Tough action is also being taken against police officers for security lapses in connection with Sant Longowal's death. Sikh officials are transferred to other jobs as punishment for such lapses but the Government is contemplating further action in an attempt to instill some discipline and consistency. And the 300 Sikhs' notoriously lax security personnel.

The problem is partly a lack of efficiency and partly a lack of orientation. Mr Arjan Singh, Governor of Punjab, said in an interview yesterday, "You must know what you are doing and realize you are protecting both a person and the welfare of a nation." He said there was no evidence yet that police connived at Mr Longowal's assassination, although there have been reports recently in the Punjabi of police links with extremists.

Asked about the chances of one or more candidates in the elections being murdered by Sikhs extremists, who oppose the settlement on the Punjab issue agreed last month between Mr Longowal and Mr Rajiv Gandhi, the Indian Prime Minister, Mr Singh said: "An incident here or there I cannot rule out but they will not be able to disrupt the elections so that they do not take place. Each candidate is to be protected by two security guards working on shifts round the clock."

The authorities are resigned

to the likelihood that the election campaign - for 117 seats in the Punjab State Assembly and seven seats in the national parliament - will be extremely tense. Clashes are regarded as almost inevitable between warring Sikhs factions and possibly between Sikhs and Hindus.

The spectre of over 2,000 people being killed during elections in Assam early in 1983 is still fresh in people's minds. But the problem in Punjab is different, involving isolated terrorism rather than mass violence.

Mr Singh said the main aim is to stop hardcore terrorists assassinating candidates and so getting the election cancelled in the affected constituencies.

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OVERSEAS NEWS



Ugandans pray for peace talk compromise

By Catherine Bond in Mbarara, Uganda

TALKS considered crucial to Uganda's future are due to resume today in the Kenyan capital of Nairobi, between representatives from the Ugandan Government and Mr Yoweri Museveni, National Resistance Army (NRA), Uganda's largest guerrilla group.

Initial negotiations broke off last week when Kenyan President Daniel Arap Moi, who is chairing the talks, ordered both parties to retire for "further consultations" among themselves in Kampala, the Ugandan capital, members of the five-month government delegation have since expressed cautious optimism that with "give and take" on both sides, an agreement could be reached.

However, the Government clearly has found the NRA's demands unacceptable. They want half the seats in Uganda's ruling military council, half of a new national army, and other less specific conditions. It is difficult to tell how far either the Government or the NRA will compromise for the sake of a peaceful settlement.

Mr Museveni's apparent indecision has steadily brought Uganda to its knees. Speculation over what this master of the art of suspense will eventually do has grown redundant. Ugandans are merely fearful and confused. Since the coup that toppled President Milton Obote on July 27, NRA guerrillas have emerged from the bush, where they fought an anti-government war for four and a half years. Areas which they occupy, most notably the west where they are still recruiting and training troops, have lapsed into tranquil anarchy, bereft of any real government control.

Reinforcements

The bulk of the NRA's forces ("about 10,000 strong, including women and children") now appear to be concentrated in the Luwero triangle, north-west of Kampala, its traditional stronghold.

According to General Basilio Okiello, chief of the defence forces and the man who led last month's coup, 400 of his troops in the Uganda National Liberation Army and NRA troops now happily "co-exist" at Mityana, 31 miles from Kampala.

In the south-west, however, government reinforcements recently arrived to replenish a battalion depleted by defections after two visits from the NRA.

UNLA soldiers who then remained unarmed in Mbarara town, a possible "front line," now brandish new weapons and are back in full swing, demanding pay-offs and roadblocks. Fearing military conflict between UNLA and the NRA, townspeople are packing their goods and moving out.

Heavy gunfire

Heavy gunfire in Kampala last Saturday night suggest that UNLA leaders were nervous despite an outward show of calm. The military council's actions have inspired little confidence: Ugandans are unhappy that it has accepted the return of up to 8,000 soldiers from Sudan who served the exiled Idi Amin.

The so-called "Amin soldiers" belong to the former Ugandan National Army and United National Rescue Front guerrilla movement and the military council has made peace pacts with them and other fighting groups.

In the eyes of the military council, the NRA is the last obstacle in its path before Uganda embarks on a new start under its temporary guidance. Some observers believe that the NRA, which advocates a "complete change of system," will remain incompatible on every level with the Government as it stands.

The constraints which may push Mr Museveni towards a compromise are the NRA's lack of popular support or a military foothold in the north (although in the west and south-west and parts of central Uganda, a pro-Museveni momentum exists) and a general desire for a peaceful solution.

Nevertheless, the differences between the NRA and Uganda's military rulers go straight to the heart of the country's ever-troublesome, tribal divide between the northern Nilotic Acholi, in power at present, and the mainly southern and western Bantu peoples who form the NRA's better disciplined troops.

The differences will have to be buried if a peaceful settlement is to be made. As the talks resume, most Ugandans will be praying for peace: in their opinion, it is Uganda's last chance.

South African mine companies sack strikers

By ANTHONY ROBINSON IN JOHANNESBURG

SOUTH AFRICAN mining companies affected by the strike of black gold and coal miners yesterday started to dismiss striking workers. The National Union of Mineworkers (NUM) criticised "strong intimidatory action" by mine management and Mr Cyril Ramaphosa, the union general secretary, sought a court ruling in Pretoria to prevent the dismissals.

Accounts of the strike have turned into a propaganda war between the mining houses and the union with both sides offering contrasting and widely differing views on the situation.

Individual mines have been virtually sealed off from the public, but yesterday the strike seemed to be losing momentum.

The NUM claimed that Gold Fields of South Africa (GFS) had dismissed 4,864 workers at its Deelkloof gold mine after what the company estimated was 75 per cent of the 7,100 workers ignored company warnings that they would be dismissed if the strike action continued for two consecutive shifts. The company said that only 50 workers had been paid off by mid-afternoon and said the union numbers were "hugely exaggerated."

Work on GFS's other six gold mines proceeded normally, it added.

General Mining house announced that it had dismissed 87 workers at its Bemersfontein colliery, while the five-miner government delegation Monday by some 5,000 workers in the bulk of the lay-offs affected black workers where

had ended. Strikes continued at the company's small Marikana gold mine but later GFS announced that the afternoon shift had turned up for work at both the Transvaal Navigation and Blinkpan collieries which had been strikebound since Sunday.

The NUM could not confirm the collapse of the strike at the two mines but accused the company of having cut off all food and water and of using security guards firing rubber bullets and teargas to force strikers back to work.

The Anglovaal mining house said that it had dismissed 15 of its 14,000-strong workforce at

the Hartbeesfontein gold mine which had been targeted for strike action on the occasion which did not take place. The men were among 200 who failed to report for two consecutive shifts with the company claiming that the others were absent for reasons of normal absenteeism.

The union disputed the company's figures and claimed that police firing rubber bullets and tear gas had forced workers down the mine, where many were staging a sit-down.

Union claims that hundreds of workers have been injured have been countered by company claims that the bulk of workers, who face dismissal and repatriation

to distant homelands or day sealed off the approach roads leading to the eight townships of the Vaal triangle around Vereeniging south of Johannesburg on the first anniversary of the violent protests against rent increases which left over 80 dead and sparked off an almost continual violence around the country.

Gold analysts and a special labour monitoring group set up by labour specialists from Waterkloof University believe that mine management have decided to use the mine security forces to clamp down swiftly on union activists, dismissing and isolating them from the bulk of the non-unionised labour force on these mines.

Army and police units yester-

Employment and incomes decline

By TONY HAWKINS IN JOHANNESBURG

BOTH employment and average real wages in the South African economy have fallen over the past year, according to official statistics published here. The figures show a fall of 67,000 jobs between the third quarter of 1984 and March 1985 with most of the losses—some 32,000 jobs—taking place in manufacturing. Total employment, excluding agriculture and private domestic service fell from 3.9m in September 1984 to 3.86m in the first quarter of 1985.

The latest figures show an

employment fall by 56,000 jobs to 2.77m. In the non-agricultural sectors of the South African economy, total employment rose 0.7 per cent in the year to April, but this was followed by a seasonally adjusted rate of 2.2 per cent in the first quarter of 1985. In mid-1985, the number of registered unemployed whites, coloured and Asians was 85,080—more than double the 43,350 recorded a year previously. Black unemployment, expressed as a ratio of the economically active black population rose from 7.8 per cent in January 1984 to 8.2 per cent in April this year.

In real terms, average wages outside agriculture rose 0.4 per cent in 1983 accelerating to a growth rate of 3.7 per cent last year but this was followed by a 2.7 per cent decline in the first quarter of 1985.

The latest figures show an average real wage in the South African economy of Rand 715 monthly (£216) in March 1985.

The average wage for white Coloureds and Asians was Rand 382 a month.

In real terms, average wages for blacks Rand 382 a month.

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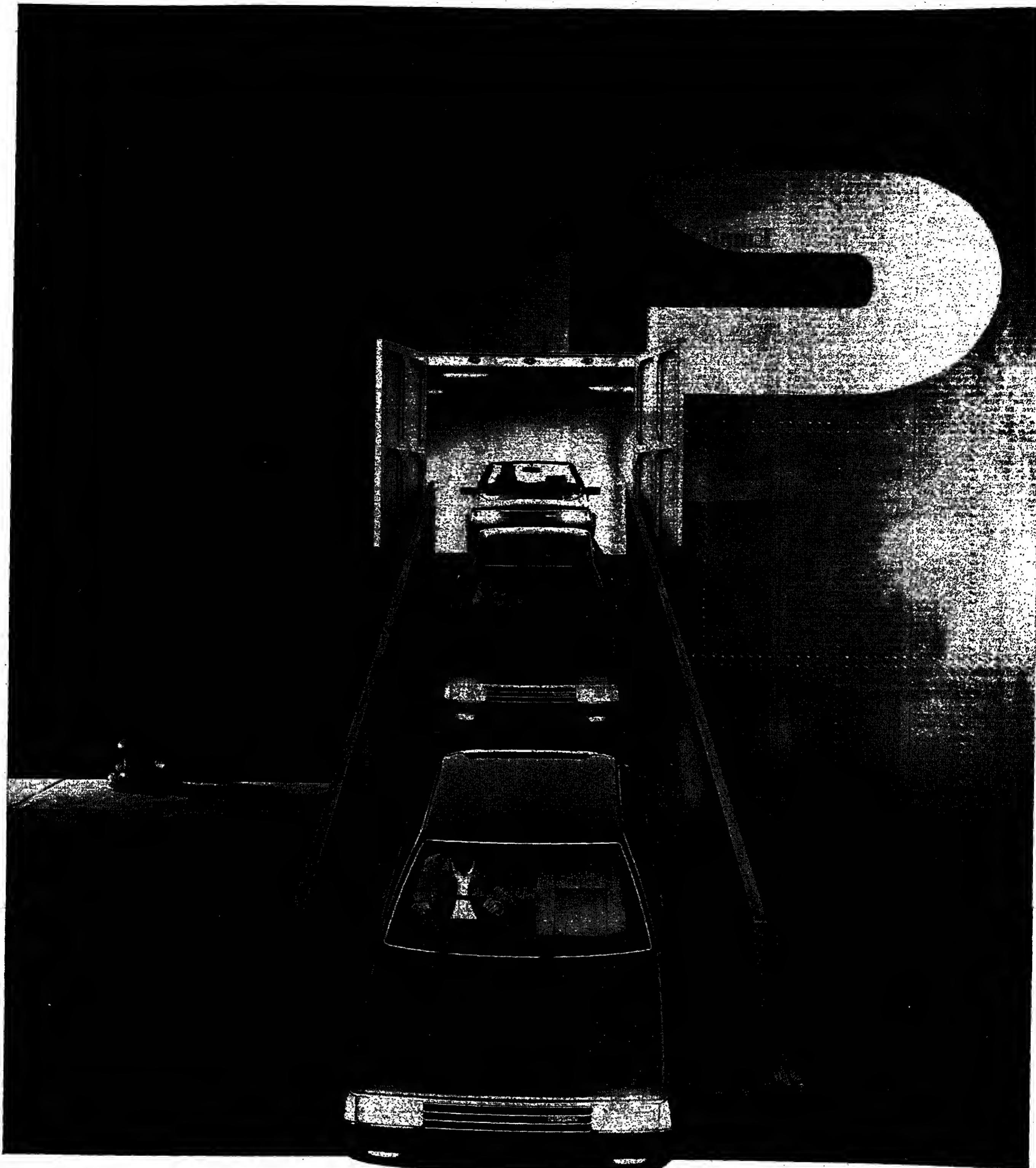
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The latest figures



**For the last 11 years Nissan have imported
more cars to Britain than anyone else.**

Today, every Nissan sold in this country has to make a 30-day crossing from Japan.

The cars are built in the most advanced factories in the world, ahead of anything in Dagenham or Paris.

But although they employ the latest computer, laser and robot technology, no-one has ever been made redundant. And Nissan workers earn more than British car workers.

Their way of working may seem a little unusual to the British. Management and workers get together every day to see how they can make things better.

And the General Manager of the factory wears the same work clothes as everyone else.

That is one reason why there has never been a strike. Another is an agreement with the Union designed to make disputes unnecessary. All this may help to

explain why the cars will be so good that every one has a 100,000 mile, three-year warranty.

At the moment a large proportion of Nissan's production in Japan is exported, which is, of course, not very good for the British economy.

NISSAN
They don't half work.



Within the next 11 years Nissan aim to export more cars from Britain than anyone else.

From summer 1986, Nissans will be made in Britain, saving the 30-day crossing from Japan. The cars will be built in one of the most advanced factories in the world, ahead of anything in Dagenham, Paris or Tokyo.

But although they will employ the latest computer, laser and robot technology, no-one need be made redundant. And Nissan workers should earn more than other British car workers.

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explain why the cars will be so good that every one has a 100,000 mile, three-year warranty.

In the 1990s a large proportion of Nissan's production in England should be exported, which is, of course, very good for the British economy.

NISSAN
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OVERSEAS NEWS

Israeli reservist dies after stabbing

By Walter Ellis in Tel Aviv

AN ISRAELI army reservist died yesterday and another was injured after being stabbed in the Casabla area of Haifa. Immediately after the stabbing, police said the city was sealed off by the army and 20 Arabs were detained.

The predominantly Arab city, south of Jerusalem, has been at the centre of a dispute between the Labour and Likud factions in the Israeli cabinet over attempts by Jewish settlers to occupy a house in the Casabla.

Seven Likud bloc MPs squatted in a Casabla apartment last month and were only moved out by the army following the intervention of Mr Yitzhak Rabin, the Labour Defence Minister. Bad feelings between local Arabs and Jewish settlers has intensified as a result of the occupation.

The number of Palestinian Arabs held under detention orders has now reached 55, some of whom face deportation.

Violence against Israeli soldiers in the West Bank region has risen precipitously in recent weeks. Mr Shimon Peres, the Prime Minister, and other members of the Cabinet are increasingly attributing the trend to the ability of the Palestine Liberation Organisation to co-ordinate resistance activities in the area from improved headquarters in Jordan.

Yesterday, Mr Peres told Mr Ed Nijhuis, the Dutch Liberal leader, in Jerusalem, that Mr Yassir Arafat, the PLO leader, was being "foolish and dangerous to himself." He was making it very difficult for King Hussein to allow him to continue to use Jordan as a base. But the King wanted peace and would know how to deal with Mr Arafat's moves.

Warnings in Jordan to hold the PLO in check have been stepped up with the West Bank attacks. Mr Rabin said last week that there was no evidence that King Hussein was giving terrorists freedom of action. Nevertheless, he added, the day might come when the King would no longer be able to control them.

Mr Rabin also observed that, while the West Bank military government was highly sensitive of the need to avoid collective punishments following a terrorist incident, that sensitivity had been blunted by recent attacks.

Gadaffi denies mass expulsions forced by economic pressure

By TONY WALKER IN TRIPOLI

COL MUAMMAR GADAFFI, the Libyan leader, has denied claims that the reason for the expulsion of thousands of guest workers from Libya is economic, insisting instead that it is part of an attempt to encourage Libyan self-reliance.

Speaking at a "People's Congress" in Sabha, an oil town in central Libya, Col Gadaffi described the expulsions, which have caused serious tensions with neighbouring Tunisia and Egypt, as "political".

No official figures are available of the numbers of mainly Egyptians and Tunisians who have been obliged to leave Libya in recent months, but it is known to run into tens of thousands.

The rate of departures has recently accelerated. Libya has experienced a sharp drop in its oil revenues since the early 1980s, when earnings exceeded \$20bn. Oil revenues this year are expected to total about \$8bn.

There are believed to be some 150,000 guest workers remaining in Libya. The expulsions arise from policy decisions several years ago to reduce numbers of guest workers in Libya. In 1983, the peak year, they accounted for some 300,000 to 350,000, or about 45 per cent of the work force.

Col Gadaffi, in speeches marking the 16th anniversary of his coming to power, has stressed the need for Libyans to work harder and accept austerity. He has given notice that imports will be further squeezed.

'No evidence' Saudis cutting price, say oil majors

By ROGER MATTHEWS

LEADING WESTERN oil companies said yesterday that there was no evidence to support news agency reports that Saudi Arabia had, in effect, agreed to sell crude at below the official Opec price of \$28 a barrel for Arabian Light.

Sheikh Ahmed Zaki Yamani, the Saudi Arabian Oil Minister, is said to have given assurances last month that his Government would not take any individual action on pricing before the next meeting of the Organisation of Petroleum Exporting Countries scheduled for October.

However with Saudi production believed to be running at little over 2m barrels a day, speculation has intensified that the Kingdom was becoming increasingly anxious at the consequent draw-down in foreign reserves, thought to be running to the \$28 marker price.

Market rumours yesterday suggested that Saudi Arabia had recently signed deals with international oil companies on "netback" agreements whereby crude is priced on the refined value of the products minus the cost of transport and refining. This could result in certain markets at some \$3 a barrel below the official selling price.

The spot market price for Arabian Light yesterday in Rotterdam was firm at \$27.35 a barrel.

Industry executives speculated yesterday that the sale of a proportion of the oil currently kept in floating stock could have provoked the idea that Saudi Arabia was abandoning its hitherto strict adherence to the \$28 marker price.

Construction spending rises 1.2% in July

By Stewart Fleming in Washington

MIXED signals on the recent performance of the US economy persisted yesterday when the Commerce Department reported that construction spending rose an estimated 1.2 per cent during July, but revised down its June estimate to show a decline of 0.6 per cent instead of a rise of 0.7 per cent over that month.

The latest data only added to confusion about the economic outlook. Over the weekend the National Association of Purchasing Managers, whose monthly business survey is closely followed as an indicator of short-term trends in industry, issued a report suggesting that in August the economy continued to accelerate. Libya has experienced a sharp drop in its oil revenues since the early 1980s, when earnings exceeded \$20bn. Oil revenues this year are expected to total about \$8bn.

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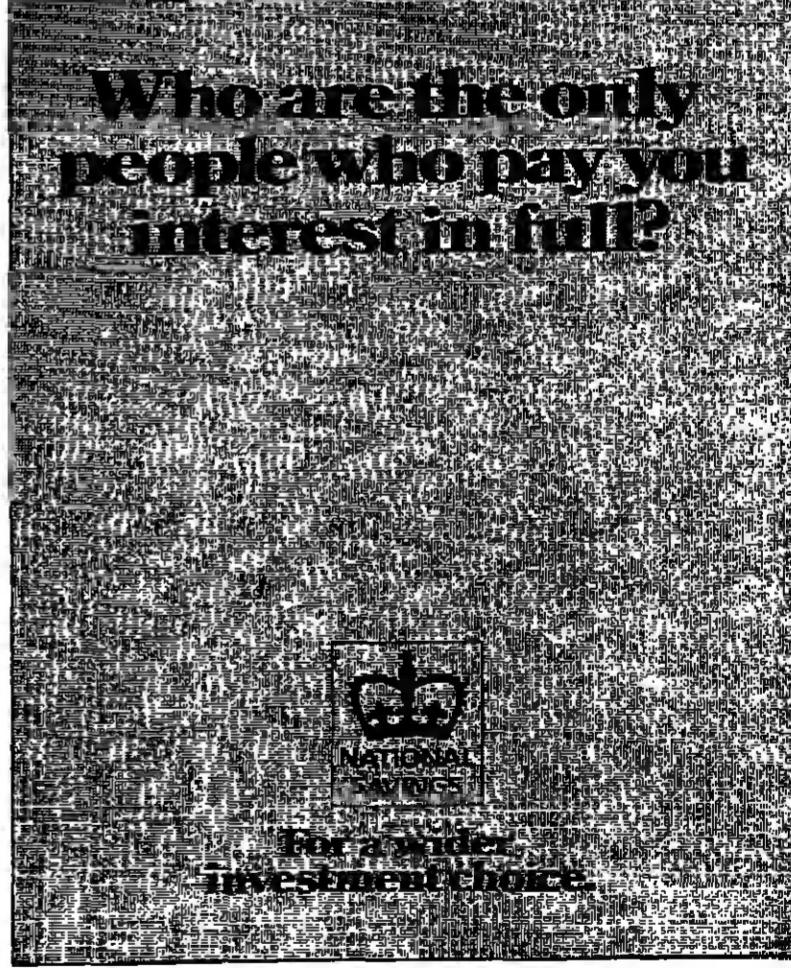
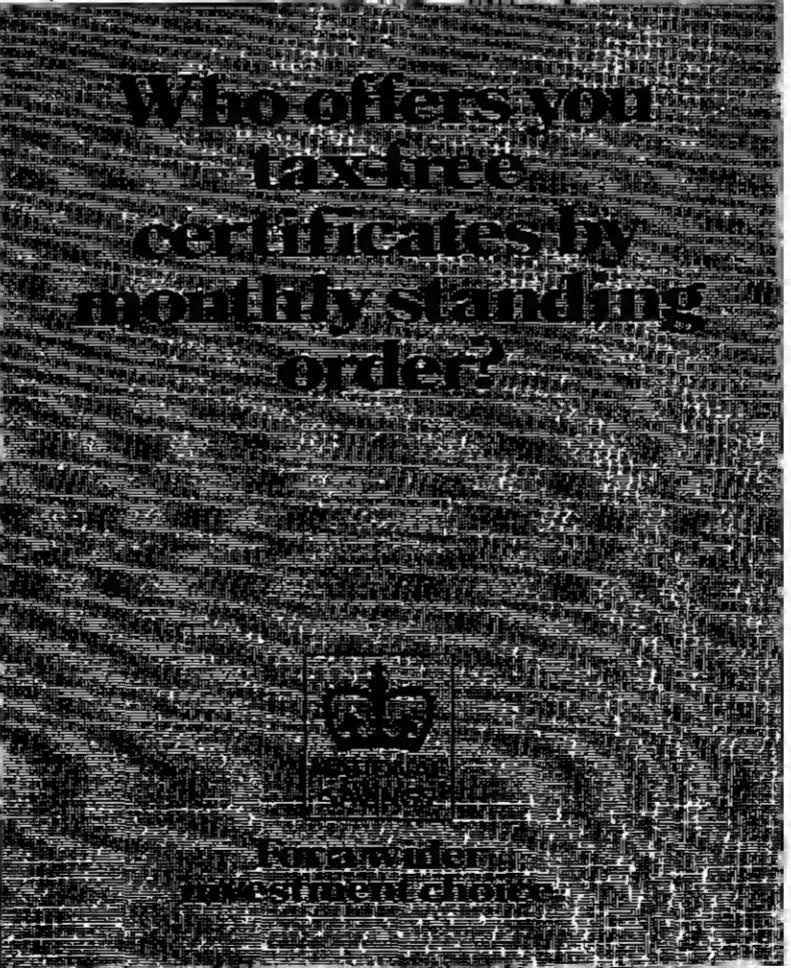
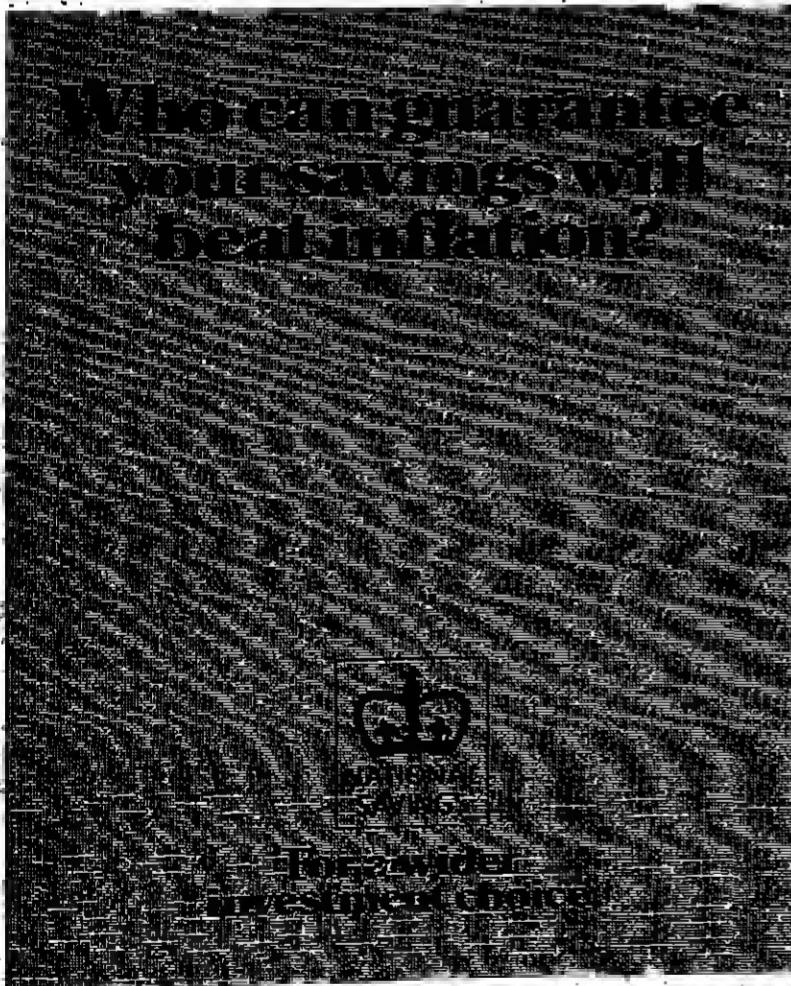


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UK NEWS

North Sea oil orders predicted to rise during next decade

BY DOMINIC LAWSON

MORE than £40bn will be spent by the international oil industry in the UK sector of the North Sea during the next decade, according to a report published yesterday by the Scottish Development Agency (SDA).

The SDA predicts that North Sea expenditure, in 1984 prices, will average £3.5bn a year from 1985 to 1995 with orders peaking at more than £2bn in 1993, an increase of almost 25 per cent on current levels.

During the past five years North Sea orders have averaged about £2.5bn a year.

The report says the number of workers employed offshore by the oil companies will rise steadily from the current level of 28,000 to 33,000 in 1990 and a peak of 43,000 in 1995.

Dr George Mathewson, chief executive of the SDA, said yesterday the figures "prove quite conclusively we are on the threshold of a new wave of North Sea opportunities."

"These are arising from new technological demand and the market itself will be large enough to sustain increased competition. There is still tremendous potential for existing and new suppliers entering the market."

Dr Mathewson added that the main purpose of the exercise was to make Scottish-based companies more aware of the business possibilities in the North Sea.

The estimates presented in the report are based on a computer model developed by the SDA which provides a comprehensive breakdown of the various technology sectors within the North Sea oil and gas business.

They show that, within an average annual growth rate in real terms of 3 per cent in North Sea expenditure during the next decade, some sectors will grow rapidly while others will decline.

With the trend towards smaller and more marginally economic

North Sea fields spending on platform fabrication, project management and design engineering will fall. Orders for production platforms are expected to amount to £433m in 1995 compared with this year's anticipated figure of £750m.

Similarly, as most of the planned major North Sea trunk lines are in place, annual orders for subsea pipelines will fall from 1984's level of £189m to £27m this year, downing to only £26m in 1995.

A key area for future growth is subsea work as many of the future smaller fields are likely to be developed without fixed platforms, using subsea completions instead.

The SDA predicts that orders for diving and underwater services will expand from £94m to £150m in 1990 and a record £217m in 1995.

A second major growth area will be maintenance as the actual number of North Sea fields in production is set to increase. The SDA believes orders for maintenance work will amount to £112m in 1985 and almost double to £218m by 1995.

The SDA predictions are based on discussions with the major North Sea operators and on recent surveys on future North Sea developments carried out by the Grampian Regional Council and by Wood Mackenzie, the stockbrokers.

These development forecasts suggest that, on average, about five to six new North Sea oil and gas developments will come on stream every year between now and 1995.

The SDA has not analysed the number of onshore jobs that will be created by the second wave of North Sea developments; but Mr Charles Woods, the SDA's offshore industries executive, said yesterday he was "optimistic" about the future North Sea-related onshore job prospects.

UK Sector North Sea Oil and Gas Supply Estimates 1985-1995, Scottish Development Agency, 16 Albert Street, Aberdeen AB1 1XQ.

New Cabinet team sees job creation as priority

BY ALAN PIKE, INDUSTRIAL CORRESPONDENT

RADICAL changes in the character of the Department of Employment are signalled by the appointment of Lord Young as Secretary of State in this week's Cabinet reshuffle.

Lord Young, spending his first day in his new office yesterday, said the decision to incorporate his former enterprise and deregulation units and responsibility for small firms in the Department of Employment represented a new stage in its evolution from the days of the Ministry of Labour.

"I hear differing views about employment protection legislation," said Lord Young. "Some employers say it inhibits them from taking on staff, but other people take alternative views. I approach the subject with an open mind."

Lord Young, chairman of the Manpower Services Commission (MSC) from 1982-84, now finds himself the Minister to whom the MSC is answerable. He says he will resist the temptation offered by this previous experience of becoming over-involved in MSC activities.

One of the first responsibilities of the Department of Employment in its expanded role will be to produce a second policy document on business deregulation as a sequel to Lifting the Burden, published in July.

The new document will appear by next spring. It will form part of a continuing, step-by-step drive to eliminate regulations and controls which the Government regards as an unnecessary barrier to business development and job creation.

"One of my immediate worries is that there still seems to be misun-

derstanding about the Youth Training Scheme. It is not a means of making the unemployment figures look better. It is about providing a better-skilled workforce in the future."

"We have to learn that it is not only people in high-tech jobs who need good training. A lot of jobs in the future will be low-tech – like many of those that are developing in tourism – but to do them properly people still need to be trained."

Lord Young rejects the suggestion that he has been appointed to his new post to get the unemployment figures down, preferring to say it is his responsibility to get employment up by creating the right conditions for job growth.

But his appointment – accompanied by a strong team including the rare presence of a second Cabinet Minister, Mr Kenneth Clarke, who will answer for the department in the Commons – reflects the seriousness with which the Government regards the need to tackle unemployment by the next General Election.

"Our opponents say we should increase employment by spending more money. But there is nowhere in Europe which has shown that in the previous three months. This recent boost to business followed a rather sluggish period between autumn last year and the early months of 1985."

Shops selling clothing and foot- wear and goods other than those

Spending boom lifts consumer debts to record £18.2bn

BY MAX WILKINSON, ECONOMICS CORRESPONDENT

BRITISH consumers are running up increasingly higher debts in spending sprees which continue to look better. It is about providing a better-skilled workforce in the future."

Latest official figures out yesterday showed hire purchase and other consumer credit rose sharply in July to a new record of £18.2bn. This was 15% per cent higher than consumers' debts a year earlier.

New loans to consumers have been running at about £1bn a month since the beginning of the year. The figure in July was £1.15bn. About two thirds of this was advanced by finance houses for hire purchase and the remaining third was credit granted by retailers.

As a result, outstanding consumer debts are now 8 per cent more in real terms than a year ago. The real value of the debts has risen by 50 per cent since the end of 1981. This is far faster than the rise in shop sales which increased by around 15 per cent in the period.

Separate figures from the Department of Trade and Industry yesterday showed retail sales in the three months to July were 2 per cent higher in volume terms than in the previous three months. This recent boost to business followed a rather sluggish period between autumn last year and the early months of 1985.

Shops selling clothing and foot- wear and goods other than those

used in the house have done particularly well recently, with a rise of 3 per cent in volume terms for the latest three months (compared with the previous three-month period).

The buoyancy of consumer sales is an important ingredient in the economic recovery as it moves towards the end of its fifth year.

However, the fact that much of the spending is being financed by borrowing does highlight the Bank of England's more general anxieties about the growth of bank credit and consumers' debts a year earlier.

In the 12 months to July, real take-home earnings rose by about 14 per cent, while the volume of retail sales increased by 4½ per cent.

This gap between spending and earning seems to have been filled to a large extent by consumer borrowing. In past years governments have often tightened hire purchase restrictions when they thought the economy was "overheating" with risks of a balance of payments and sterling crisis.

The present government, however, has been content to allow specialist consumer credit to be regulated by market forces partly because it believes in the principle of deregulation and partly because North Sea oil has kept the trade account in healthy surplus.

Railmen to reconsider policy on productivity

DELEGATES in next week's special conference of the National Union of Railwaysmen (NUR) will be urged to change the union's policy to allow outstrip their earnings.

The executive committee of the NUR decided after a three-hour meeting in Blackpool yesterday to recommend the policy change. This follows the vote last week by guards against national industrial action over driver-only train operation.

The executive said negotiations should be conducted on the premise – though not precondition – of reinstatement of the 245 guards who remain dismissed for taking unofficial action in Glasgow, South Wales and Humberside.

Mr Jimmy Knapp, the NUR's general secretary, said: "If conference next week adopts this recommendation, we will negotiate, but only on the basis that negotiations will include reinstatement."

■ HILTON MINING, a Lancashire-based engineering company, announced plans to take over the former Firestone factory at Wrexham, North Wales, for the manufacture of fabricated steel arch segmental civil engineering industries.

The £2.1m investment project, supported by the European Coal and Steel Community and National Coal Board Enterprise, will create 200 jobs.

■ THE TV LICENCE fee was the only appropriate way of financing a public service organisation such as the BBC, the Broadcasting and Entertainment Trade Alliance, which represents most UK broadcasting staff other than writers and performers, told the Peacock committee inquiring into the possibility of introducing advertising on television.

■ BRITISH Airways plans to cut standby fares from Heathrow airport, London, to all its US destinations by up to £30, subject to UK Government approval, reducing the one-way fare to New York from £119 to £149.

■ EARLY repeal of the Official Secrets Act has been urged by the National Consumer Council, the Government watchdog on consumer affairs.

Novelist chosen to give Tories a 'touch of style'

BY IVOR OWEN AND PETER RIDDELL

MR JEFFREY ARCHER, the backbench Tory MP who left the House of Commons when he found himself on the verge of bankruptcy and made a fortune by becoming a best-selling author, yesterday became deputy chairman of the Conservative Party.

His appointment – made by the Prime Minister the day after her Cabinet reshuffle – was announced by Mr Norman Tebbit, the former Trade and Industry Secretary, on his first public appearance at Conservative Central Office as a former party chairman.

Mr Tebbit indicated that one of Mr Archer's primary tasks would

be to undertake a morale-raising tour of the constituencies and bring a "touch of dash and style" to the party organisation.

Mr Archer's appointment completes his public rehabilitation after his remarkable rebound of the past 11 years.

The man and his story are what might be expected of his best-selling novels – showing pace and pursuit of success, plus an abundance of self-promotion.

He was elected to parliament, in 1982 when he was less than 30. His financial problems, caused by the collapse of a Canadian investment, forced him out of parliament in

1974, he soon wrote a novel – Not a Penny More, Not a Penny Less – based on his own experience.

In the last few years he has been anxious to get back into politics, recently speaking to a large number of local Tory parties. He has also been actively cultivating Conservative leaders offering to help. His new role as deputy chairman will be primarily as a "communicator" to encourage local Tory parties.

Mr Tebbit yesterday disclosed that he will be going into hospital early next year for what he called "a small bit of repair work" resulting from the injuries he suffered

when Brighton's Grand Hotel was bombed by the IRA during the Conservative conference last October.

He said: "It will not interfere in the running of the party or anything like that. I will choose to do it at a time when politics are quiet."

It became clear yesterday that Mr Richard Luce, who has succeeded Earl Gowrie as Minister for the Arts, will have a major responsibility for the Civil Service in his role as Minister of State at the Privy Council Office.

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running costs continuing to be the determining factor.

Mr Leon Brittan, the former Home Secretary who is now the new Trade and Industry Secretary, will accompany the Prime Minister when she meets business leaders, headed by Sir James Clemminson, president of the Confederation of British Industry, on Thursday of next week.

The allocation of responsibilities to junior ministers in the Department of Trade and Industry is likely to result in Mr Michael Howard, the newly-appointed Under Secretary, being asked to concentrate on corporate affairs.

Paint prices expected to show big increases

BY ANDREW TAYLOR

BIG RISES in paint prices seem likely during the next few months. Crown Paint, one of Britain's largest paint manufacturers, said yesterday it shortly expected to put up its prices by 7 to 8 per cent with further increases likely early next year.

The move comes amid warnings from the paint industry that prices

will need to rise by up to 15 per cent to offset sharp increases in raw material costs, including titanium dioxide.

The are three main suppliers of titanium dioxide in the UK: Tioxide, a British company jointly owned by Cookson and KCI SCM, a U.S. company on the receiving end of an unwelcome bid from Amax, Trust and National Lead, another U.S. company.

Mr Michael Leveite, director of the Paintmakers' Association, representing more than 90 per cent of the industry, said a significant minority of the association's members were trading at a loss. Prices needed to rise by between 12 and 15 per cent in the next six months to return profits to acceptable levels, he said.

"Prices of titanium dioxide, alone, have risen by 36 per cent during the past 18 months," said Mr Leveite. Titanium dioxide, white pigment, occurs in about 75 per cent of all decorative paints and accounts for about 10 per cent of manufacturer's raw material costs.

The Paintmakers' Association said: "Other items, like vegetable oils and solvents, have also soared

in price. Refined linseed oil alkali, for example, rose 42 per cent in price between June 1984 and June this year."

Printing ink manufacturers have also warned of the need for substantial price rises to offset sharply increasing raw material costs, including titanium dioxide.

It is the speed at which raw material prices are rising which has caught the paint industry flat-footed. Mr Peter Burns, chairman of Crown Paint, said yesterday his company was absorbing its fourth rise in a year in the price of titanium dioxide.

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UK NEWS

Thatcher stresses need for industrial change

BY ARTHUR SMITH, MIDLANDS CORRESPONDENT

THE SUCCESS of engineering was the key to Britain's future prosperity, Mrs Margaret Thatcher, the British Prime Minister, said in Birmingham yesterday.

"It is essential that business is to survive and flourish, engineers have to design and create tomorrow's products for today," she told delegates representing 300,000 engineers.

She said her presence at the first national assembly organised by the Engineering Council was a demonstration of her Government's commitment to the industry.

The council, set up by the Government three years ago with the support of the 51 professional engineering institutions, staged the first of its annual conferences to get grass root opinions on the directions the industry should move.

Pilots urge full-scale review of commercial aircraft safety

BY MICHAEL DONNE, AEROSPACE CORRESPONDENT

PILOTS organisations based in the UK and internationally, are supporting suggestions for improvements to airline safety regulations after the Manchester air disaster in which 54 people died out of 138 passengers and crew.

The British Air Line Pilots' Association (Balpa), representing more than 3,000 UK pilots, has written to Mr John Dent, chairman of the Civil Aviation Authority, calling for a full-scale review of aircraft emergency evacuation procedures.

It is supported by the International Federation of Air Line Pilots' Associations (Ifalpa), which says it has been campaigning for more than 15 years for the improvements to reduce deaths in allegedly "survivable" accidents.

The International Transport Workers' Federation (Itf) has also expressed concern at the situation, especially over plans by some airlines, including British Airways, to reduce emergency exits on Boeing 747 jets.

In response to a recent letter

Mrs Thatcher stressed the importance of the entrepreneur and a free-enterprise system in which the Government had a limited role.

Mrs Thatcher pointed to the constraints the Government was removing from industry. The ending of the National Insurance surcharge had been taken in preference to a cut in personal taxation. "I hope we did the right thing going the way we did to help you create more jobs."

She stressed the challenge to the Government of creating jobs. "Quick remedies are peddled on all sides."

Mrs Thatcher said the Government would stick to its prudent financial policies which had brought inflation down and would bring it down further, giving incentives to industry so new businesses would continue to emerge and thrive.

She attacked pundits who spoke only of hi-tech industries and said industry could not be put into compartments. Some of the biggest customers of hi-tech were manufacturers

from the ITWF, Mr Donald Engen, administrator of the US Federal Aviation Administration (FAA), admitted his own and the FAA's concern at the need for changes in the present scale of air transport operations, and the level of technology and information now available, make it imperative that changes are effected in such areas as emergency evacuation, and cabin interior or materials requirements, which currently permit many deaths to occur in otherwise "survivable" accidents."

A major US conference on air safety opened in Seattle yesterday at which many of these issues are expected to be discussed.

• British Caledonian Airways (BCAL) has acquired from American Airlines for an undisclosed sum the latter's extensive pilot-training centre at Crawley, near Gatwick Airport.

Set up in 1981, the centre has already trained 8,000 pilots and flight engineers for many airlines worldwide. On its extensive range of flight simulators for such aircraft as McDonnell Douglas DC-10 and Boeing 737-200s.

Balpa supports this view. In a state-

IBA tries to revive satellite TV project

By Raymond Snoddy

THE INDEPENDENT Broadcasting Authority (IBA) yesterday began a search for organisations willing to try to resurrect a British direct broadcasting by satellite (DBS) project.

The IBA is looking for groups prepared to run one or more extra channels of television from space direct to individual receiving dishes on consumers' homes.

After studying the level of interest, the authority will advise Mr Douglas Hurd, the new Home Secretary, on the prospects for British DBS by the end of the year.

Three of the five DBS channels allocated to the UK under international agreement would be available to any IBA regulated project.

A previous attempt to launch a DBS venture costing between £500m-£600m collapsed in June. The members of the consortium - the BBC, the ITV companies and five non-broadcasting organisations - decided the project was too risky.

Apart from doubts about the size of the market, the consortium believed that the British manufactured satellite system on which the Government insisted was too expensive.

The Government is now clearly prepared to be more flexible in the hope of attracting interest.

"It is assumed that there would be freedom to consider proposals from suppliers either in this country or overseas," the IBA guidelines state. This should open the way to British, a British company offering American satellites.

After the failure of the DBS consortium earlier this year, it is not clear whether any significant organisations will be interested. However, Mr Robert Maxwell, publisher of the Mirror newspaper, plans to invest in the company which will run the French DBS satellite TDF 1.



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Futures contract 'unattractive'

BY MAGGIE URRY

THE FUTURES contract based on the Financial Times-SE 100-share index has proved a failure so far, according to Mr Richard Verin of James Capel, the stockbrokers. The contract has been traded on the London International Financial Futures Exchange (Liffe) since May 1984.

The market lacked three conditions necessary to make it an attractive instrument to institutional investors, he said at a meeting of the Options and Futures Society.

First, there is a lack of liquidity

with only around 300 to 350 contracts traded each day representing an underlying value of around £10m. This was too small for investors to be able to deal in sufficient size.

There is also a shortage of people prepared to act as "locals" - trading actively in the market for a quick profit and thus providing liquidity.

Second, the market is not confident that the level of the index is accurate. The index is calculated using the prices on the stock exchange. Topic screens - prices

which are not necessarily dealing prices.

Third, Mr Verin said, the index did not closely track investors' portfolios which made it an inflexible instrument for hedging. The index was heavily weighted towards a few large stocks while many fund managers held a range of smaller stocks.

Mr Verin believed, however, that the contract could be very successful in two years time if liquidity improves and the "Big Bang" removes some of the structural constraints.

In a letter to Sir Geoffrey Howe, the Foreign Secretary, the Institute says that it is reviewing the case for taking sterling into the EMS exchange rate mechanism.

Its policy in the past has been that the Government should keep an open mind on the subject, but that circumstances have not so far favoured such a move.

The letter, however, suggests that

Directors may back EMS membership

BY PHILIP STEPHENS

THE INSTITUTE of Directors is considering supporting industrial and other lobby groups in favour of full British membership of the European Monetary System.

In a letter to Sir Geoffrey Howe, the Foreign Secretary, the Institute says that it is reviewing the case for taking sterling into the EMS exchange rate mechanism.

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The letter, however, suggests that

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UK NEWS

City attacked for 'failure' on innovation funding

BY CHRISTOPHER LORENZ, MANAGEMENT EDITOR

BRITISH industry's need to pursue continuous innovation in technology and product design is being hampered by the paucity of City of London investors willing to take a long view and lend "patient money," according to a report published yesterday.

"The positive relationship between financial performance and innovativeness has tended to be ignored by financial investors in the City, who often look just to short-term balance-sheet profitability," claimed Dr Roy Rothwell and Paul Gardner of the Science Policy Research Unit at the University of Sussex.

Accusing many companies of adopting an increasingly short-term "cash-flow view" of product development, the report argues that, as German and Japanese investors recognise, "a good performance in innovation goes hand-in-hand with a good financial performance in the long term."

Just as institutional investors take considerable care to review the financial balance sheets of companies in which they wish to invest, say Rothwell and Gardner, so they should analyse their technological expertise and readiness to innovate. "Technology and product design do not stand still; continuous innovation is necessary if manufacturers are to keep up with changing market needs and with the ability



Sir Terence Beckett: calling for a change of attitude

of their competitors to meet those needs."

The Sussex report, entitled "Innovation - a study of the problems and benefits of innovation" was released to coincide with last night's opening of an Innovation Centre on the premises of the Design Council in central London. As an addition to the council's long-standing Design Centre, and its programme of exhibitions of well-designed products, the Innovation Centre will display a rapidly changing range of inventive British products, from fashionable clothes to high technology.

Commenting on the opening of the centre, Sir Terence Beckett, director general of the Confederation of British Industry, the employers' organisation, complained that many UK companies had failed to

innovate in order to keep up with, or ahead of, their competition. As a result the UK had a trade deficit in manufactured goods for the first time for 200 years.

Sir Terence blamed this problem on Britain's cultural heritage, its preference towards science rather than engineering, and on "the desire of our financial institutions for quick return on their investments." A change of attitude was necessary, but would be difficult to create.

The CBI itself was trying to bring home to its members "the crucial importance of innovation to their future well-being," but the main responsibility was on companies themselves. "British companies can no longer regard innovation as a one-off event separate from the rest of business. Innovation should be treated as an integral part of company strategy."

In their report, Rothwell and Gardner point out that Britain's deteriorating visible trade performance extends to low, medium and high-technology products. The situation can only be reversed, they claim, "by corporate innovation policies to improve the price and non-price characteristics of manufactured products and processes."

Free of charge from The Innovation Centre, Design Council, 23 Haymarket, London SW1Y 4SU.

Management, Page 12

Scottish bank to sell car insurance

By David Lascallies

ROYAL BANK of Scotland, the first UK bank to enter the insurance underwriting business, yesterday launched a nationwide service of motor insurance.

The highly computerised service is called Direct Line Insurance, and aims to offer competitive rates by cutting out brokers. A motorist calls up the bank's new insurance centre in Croydon and gives details to an operator who enters the information on a computer. The computer comes up with an instant quote. If the motorist accepts it, the full policy is automatically printed out and posted that night. Payment is by credit card or direct debit.

Mr Sid Proster, the chairman of Royal Bank of Scotland Group Insurance Company, said the system, under development for more than a year, had eliminated almost all paperwork. The resulting cost advantage gave the bank confidence it could operate profitably in a market where established insurers have been under severe pressure in recent years.

The new company, which cost £1m to set up, is backed by £26m of capital and marks a further stage on the Royal Bank's efforts to broaden the range of its financial services. Within the next couple of months the company will also begin to offer credit insurance.

BP plant's strategy to thrive

THREE YEARS ago, the outlook looked bleak for BP Chemicals' plastics factory in Barry, South Wales.

The site's main business, the manufacture of polyvinyl chloride (PVC) resins and compounds, had just been handed over to ICI. A large, recently completed PVC plant and 110 BP Chemicals personnel were also handed over as part of a radical rationalisation deal between the two chemicals groups.

Three other PVC plants at the site were in the process of being closed and about 800 workers made redundant, bringing the cut in the workforce to 1,800 or two thirds in two years.

Mr John Baxter, BP Barry's general manager, recalls: "Few people thought that we would survive, certainly not the workforce and probably not the main board." Financial losses were at least £12m on a turnover of about £75m.

Further retrenchment did indeed follow. In 1983, polyester resin production was also abandoned and the order-book sold to Freeman Chemicals, reducing the payroll further. Research staff were transferred to Grangemouth in Scotland.

Today, however, the mood at BP Barry is one of cautious optimism. There is even talk of expansion. The site has not only restored profitability to those chemical products which survived the cuts, earning a profit of 5 per cent on sales of about £25m, but it is developing others to broaden its technological and marketing base.

Industrial relations have been placed on a new, Japanese-style footing. Mr Baxter emphasises that the change was not management

Few people expected that BP Chemicals' factory at Barry, South Wales, would survive rationalisations three years ago. But now it is in profit and there is cautious optimism. Robin Reeves reports.

inspired but came about after a ballot of the workforce, in response to a long-standing request from the site's craftsmen for staff status. The result was overwhelming in favour.

Inspired but came about after a ballot of the workforce, in response to a long-standing request from the site's craftsmen for staff status. The result was overwhelming in favour.

From the beginning of this year, manual workers at BP Barry successfully traded union negotiation of their wages and conditions in favour of staff status and membership of a works council, in which everyone meets to discuss the plant's problems and opportunities.

Meanwhile, ICI - which undertook to run the PVC facility, now known as its Barry Corvus plant, for three years - recently showed satisfaction with its acquisition by deciding to invest £1m in a boiler house to make the plant independent of BP steam supplies.

Although the PVC market remains plagued by overcapacity and the Barry plant is not ideally located from the point of view of either ICI's raw-material supplier or big customers, it remains among the two most modern such plants in Europe.

Mr Phil Roberts, the local plant manager, says, the application of ICI's PVC technology to the BP-designed plant has produced significant production cost savings, which the holder will enhance further.

For BP in Barry, the loss of PVC and polyester production left it with four basic products: nitrile (synthetic) rubber, phenolic resins, phenolic foam; and friction dust, which is used in brake linings, disc pads and clutch facings.

The survival strategy hinged on turning them into separate businesses, each headed by a business manager and a small executive team, with the task of carving out a niche in the European market.

Mr Baxter emphasises that it represented a considerable change in approach. "Previously, management of the plant was function-led; it was more like a bureaucracy than a business organisation. Also, though the UK had been in the EEC for the best part of a decade, we were still inclined to regard our home market as simply the UK."

If there was a model that Barry followed, he says, it was the strategy of ETR, the industrial holdings company, of manufacturing its range in a series of self-contained business units, some of which compete with each other.

The nitrile rubber production facility has survived because, although small by European standards, it was relatively new (it was commissioned in 1980) and basically efficient.

By improving productivity further through labour efficiencies and measures to reduce energy costs, plus a sharper marketing effort, losses of £3m a year on nitrile sales three years ago have been turned into a firm profit.

Barry's phenolic resins business was similarly modest in size by international standards, but it was a business in which BP Chemicals was noticeably strong.

Phenolic resins have good mechanical and heat-resistant properties which make them suitable for use in brake linings, grinding wheels, laminates coatings and adhesives. Another feature is their fire resistance.

However, BP Barry's most precious post-PVC asset has turned out to be closed-cell phenolic foam, a product invented in its own laboratories in 1978 and one that has since been licensed to a number of companies in Europe and further afield.

Made by heating up phenolic resin in an oven, in much the same way as bread, the product not only has phenolic's fire-resistance properties, but also exceptionally good insulating qualities.

Crucially, its closed-cell structure prevents the build-up of condensation - a common drawback of other insulation materials used in the building and heating and ventilation industries.

At present, Barry's closed-cell phenolic foam remains a unique product. The nearest any competitor has come to emulating its structure is a U.S. rival, marketing a laminated version.

For the moment, Barry has the market to itself and is making the most of it. Part of the redundant polyester plant has been converted to phenolics production and further investment to increase capacity looks possible within the next few years.

ABS has been one of the most important innovations in car safety over the past decade. BMW drivers enjoy its benefits in a unique way.

ABS anti-lock braking is already a standard feature on nearly 50% of all BMW models.

BMW wasn't just the co-developer of the ABS anti-lock braking system. BMW has also adopted and implemented this latest development towards maximum braking safety more comprehensively than any other manufacturer in the world. And that's why you'll discover that ABS is a standard on all 6 and 7-Series cars and on the top 5-Series models.

BMW's ABS system: the very highest standard of braking safety.

ABS works more precisely, more efficiently and more reliably than a human being ever could.

And it completely eliminates any risk of wheel-lock, whatever the circumstances. As a result, ABS will prevent a car skidding even in an emergency braking situation or on difficult road surfaces.

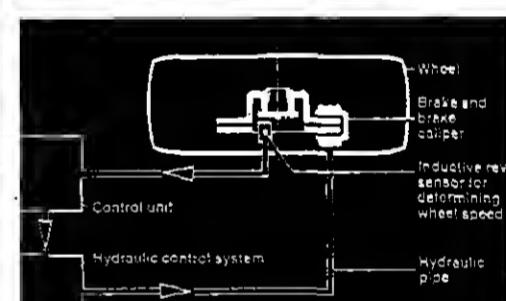
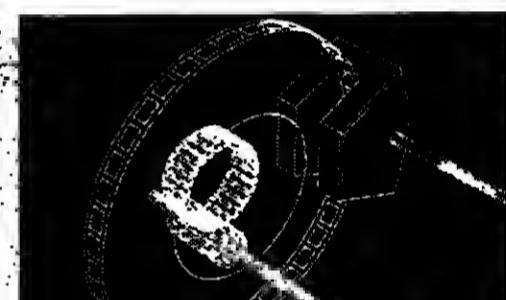
With ABS you can also apply full braking power while cornering.

At the same time, steering ability is fully retained at all times, allowing you to take advantage of any gaps which present themselves between the obstacles ahead, even though you've got your foot flat down on the brake pedal.

And because of the unique way it makes maximum use of the braking forces and the adhesion characteristics of each individual wheel, ABS can also help to reduce braking distances dramatically. But ABS doesn't just represent an increase in driving safety. It simultaneously improves motoring economy. The reduced tyre wear can cut tyre costs by anything up to 30%, and tyre damage caused by locked-wheel braking at high speeds is also avoided.

Safety is part technology and part its consequence. BMW takes both further.

Under numerous circumstances, vehicles equipped with ABS can achieve significantly shorter braking distances. And this naturally means that one of the most important prerequisites for avoiding rear-end collisions with following cars, which could result from this improved braking performance, is that the car's brake lights are always in full working order. That's why ABS on a BMW features an extremely valuable back-up system: Active Check Control. It constantly monitors seven of the car's most important functions, including brake and rear lights, and it immediately calls the driver's attention to any malfunction.



ABS with BMW.

ABS is further proof of how BMW comprehensively exploits the astonishing potential of electronics in building better cars, and how it consistently makes it available as quickly as possible to its drivers.

Don't trail behind technological progress in international top-class motoring. Drive BMW.

Model and equipment availability in the BMW International range may vary from country to country.

ABS consists of a revolution sensor fitted to each wheel and coupled to an electronic unit which converts the revolution data provided by the sensors.

At the very first hint of a wheel locking, the fluid pressure to that particular wheel is reduced and the wheel can continue to turn, avoiding wheel-lock and ensuring safe braking with full steering control.

BMW AG, Munich



TECHNOLOGY

Business takes to the latest fax machines

Modern facsimile devices easily outperform their predecessors, Alan Cane reports on the improvements

BRITISH companies are taking to facsimile (fax) for business communications with a new enthusiasm. There are already more fax machines installed in the UK than anywhere else in Europe, and the number is growing at about 50 per cent a year.

New figures from British Telecom International suggest that Britain will have 45,000 fax installations by the end of 1985, compared with Japan's 38,000 machines and 55,000 for the USA. The comparable

figure for the whole of Europe is 120,000.

Mr Malcolm Acres, head of facsimile and Data marketing for BTI pointed to the liberalisation of the UK telecommunications market as one factor behind the fast growth of fax in the UK.

New technology has also been an important factor. Facsimile machines transmit accurate images of documents, letters, plans, designs and pictures from one machine to another over the telephone network. The earliest fax machines used analogues, which stored analogue techniques, were slow, expensive and sometimes produced copies of doubtful quality.

It took six minutes to send a single page of a document using group one fax.

Group two fax cut the transmission time for a single page to three minutes but still used analogue techniques. The installed population of group one and two machines at the end of

1984, 11,600 and 3,000 respectively, reflects their lack of popularity.

The latest generation of machines—group three—uses digital (computer) techniques to store and transmit a page of an A4 document in less than 60 seconds.

Digital technology makes for a high quality of transmitted image; furthermore, the cost of such machines is falling by an average of 10 per cent a year. A desk-top fax machine can now cost as little as £2,500.

BTI says that the surge in the market is due wholly to enthusiasm for the new, fast group three fax machines.

In Japan, the fax has doubled its installed base each year since 1981," says the company. "Analysis of the UK facsimile directory 1985 listings suggests group three will account for around 34,000 UK installations by the end of 1985—or three out of four."

Machines in the U.S. fax is important because surface mail moves relatively slowly.

In Japan, it is popular because of the difficulties of handling Japanese characters on a teletex or personal computer terminal.

In the UK, fax is most popular with services companies such as accountants and solicitors, although manufacturing, industry, engineering and financial services also make heavy use of fax.

UK Facsimile Directory Third Edition, £7.

Specialised ships speed oil flow in the North Sea

HUGHES TOOL, one of the world's leading producers of oil and gas drilling bits, has spent \$25m on improving an important but little known service it provides to the North Sea oil industry.

The money has been spent on equipping a special vessel to speed up the output of wells which are deteriorating because of age or because their operators need to improve cash flow.

The 1,999 gross tons Vestfonna

will compete with ships run by two other companies, Halliburton, and Dowell-Schlumberger, in the specialised business of oil or gas well stimulation.

The converted pipelaying ship is operated by BJ-Hughes, one of 12 Hughes Tool permanent subsidiaries operating in the European oil and gas industry. The company has worked for nearly all the big North Sea oil operators and earns about \$2m a month for the group but

its contribution is expected to increase with the introduction of the Vestfonna.

Mr Jim Bodhaine, BJ-Hughes' senior vice-president for production in Europe and the Middle East, says that although

Maurice Samuelson on the equipment of the latest vessel in the offshore oil well stimulation business

the vessel will put his company in a more competitive position, the three rivals often help each other out.

Besides carrying more stimulation equipment than any other vessel, Vestfonna is claimed to have a unique control area from which one man can monitor or record all necessary information for complete control of fracturing, acidising and nitrogen ser-

vice operations at depths of three to five miles below the sea-bed.

Fracturing and matrix stimulation are the most widely used methods.

The first of these uses hydraulic pressure to break open channels in the bore hole, or to stimulate a rock fracture directly from the oilfield to the well. Gelled oil and sand are pumped into the rock fractures under high pressure and the sand remains in place to hold the fracture open.

The second method—matrix stimulation—increases permeability near the bore hole by using an acid or other chemical to dissolve either the rock itself or other matter which might have entered its pores.

The Vestfonna's equipment includes:

• Six of the strongest pumps available in the North Sea, each powered by an 1800 bhp turbo supercharged diesel engine, and

• Three independently-powered cryogenic pumps drawing from an onboard storage capacity of

32,000 gallons of liquid nitrogen;

• Two separate units to blend chemicals for injecting into the oil field.

• Satellite communication with telex, telephone and facsimile transmission.

The ship can be operated either from the bridge or from a remote control room where all instruments can be monitored. Dynamic positioning can keep it in an exact spot in up to gale force conditions as far as 300 feet from the platform it is serving.

A simple acid treatment might cost only a few thousand dollars, while a major hydraulic fracture might need as much as \$2m. But, says Mr Bodhaine, the operation usually pays for itself in about 30 days in terms of higher output.

Until now, BJ-Hughes carried out its off-shore stimulation work on production platforms, but because platform space is scarce, oil companies prefer the work to be done from independent vessels—a service offered by the two other stimulation specialists for the past three years.

Other customers have included beer can makers and

analyse the upper layers of a microchip—just a few billionths of a metre below the surface—to find out about the positions of atoms of substances such as boron or arsenic which affect the semiconductor's electrical properties.

A plastic - bag company examined the surfaces of its products with the Loughborough hardware to find out the structural failings which caused the bags to come apart at the seams.

Other customers have included beer can makers and

a company involved in gold-plating spectacles.

Three of the university's instruments, made by Varian of the U.S. Cameca of France (part of the Thomson group) and Britain's VG Instruments, beam either ions or electrons at the surface of a material and collect the rebound.

By analysing how atoms in the substance influence the reflection of the ions or electrons, the instruments provide clues

Customers have included beer can makers and a company involved in gold-plating spectacles?

as to the layout of these atoms just as a ball thrown at a wall will rebound differently depending on the grain and hardness of the surface.

The fourth machine is a laser-induced ion mass spectrometer made by Cambridge Mass Spectrometry, a small company in Cambridge. Its special function is surface investigations.

Dr Sykes says most companies, even big ones, do not buy even one machine for surface investigations because they cannot find enough applications for the hardware to justify its cost. That opens up opportunities for small organisations, such as Dr Sykes' department, which offers a specialist service to a large number of customers.

The materials investigation group is part of Loughborough's company set up by the university to carry out contracts with industry. The company, with a staff of a dozen, operates specialised departments such as Dr Sykes' group.

A plastic - bag company examined the surfaces of its products with the Loughborough hardware to find out the structural failings which caused the bags to come apart at the seams.

Other customers have included beer can makers and



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IMI plc,
Birmingham, England

Engineers claim first with faster modem

DESIGN teams at British Telecom's Marlesham Heath and Thorn IMI Datatech's Feltham laboratories claim a breakthrough in the development of a data communications modem capable of transmitting at a rate of 2,400 binary digits (bits) sent in two directions simultaneously over ordinary telephone lines.

Now Datatech has been awarded a £4.5m contract by British Telecom to manufacture the modem, said to be the first of its kind.

Modems take digital signals from computers and turn them into the kind of electronic signals which can be transmitted down a telephone line.

Where BT and Datatech engineers made their breakthrough was in developing a device that can work at such a high speed over the public switched network. Rates of 9600 bits a second were previously possible only using special leased lines.

The engineering teams faced two major problems: how to overcome the speed limitations of today's two-way transmission technology and how to avoid the noise and distortion in ordinary telephone lines.

Conventional two-way transmission is first at 2400 bits a second but above that there is the problem of "echo".

A data modem would normally see an echo of its transmitted signal as it looked for incoming data. The answer was to design the modem to receive a composite of incoming and outgoing signals and, by a sophisticated signal processing technique, cancel the unwanted signal.

To tackle noise and distortion in ordinary lines, the engineers used special computational methods to cancel out errors together with auto-adaptive equalisation.

Legal Notices

IN THE HIGH COURT OF JUSTICE
MANCHESTER DIVISION
MANCHESTER DISTRICT REGISTRY
MR. DISTRICT REGISTRAR KUSHNER
BY TELETYPE
THE 28th DAY OF AUGUST 1985
IN THE MATTER OF
GWEAT ADVICE LTD
LIMITED
AND IN THE MATTER OF
THE COMPANIES ACT 1985

NOTICE IS HEREBY GIVEN that by an Order dated the 28th day of August 1985 the Court has directed a Meeting to be convened by the General Creditors of the above-named Company for the purpose of considering and if thought fit approving (with or without modification) a Scheme of Arrangement proposed to be made between the said Company and such creditors, and that such Scheme will be held at The Westgate Hotel, Commercial Street, Newport, Gwent, on the 20th September 1985 at 11.30 a.m. at which place and time the General Creditors are required to attend.

Any creditor entitled to attend the meeting can obtain copies of the said Scheme and a copy of the Statement of Affairs of the Company and copies of the Statement required to be furnished pursuant to Section 112 of the Companies Act 1985 from Wallwork, Mawer & Partners, Chartered Accountants of 11/12 Thores Street, Preston PR1 8BQ, during usual business hours. The Scheme (other than prior to the day appointed for the said Meeting) The said Creditors may vote in person or by proxy or they may appoint another person whether a member of the same class of creditor or not to act for them in their place and vote in their name.

It is requested that forms appointing proxies be lodged at Wallwork, Mawer & Partners, 11/12 Thores Street, Preston PR1 8BQ, not less than 48 hours before the time appointed for the said Meeting, but if forms are not so lodged, the same may be handed to the Chairman at the Meeting.

In the case of joint creditors in the Company, the said creditors may vote whether in person or by proxy will be accepted to the exclusion of the other joint creditors and for this purpose a majority will be required by the order in which the names stand in the Company's records.

On the day appointed, Mr. R. F. Scott has appointed Mr. M. C. Hughes to act as his attorney in the said Meeting and has directed the Chairman to report the results thereof to the Court.

The said Scheme of Arrangement will be subject to the subsequent approval of the Court.

Dated this 28th day of August 1985
IN CHAMBERS INCHAM CLECK
of Sunlight House,
St. Swithin's
Manchester.
Solicitor for the above-named
Company.

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THE MANAGEMENT PAGE

Product development

The risks of simplistic global strategies

BY CHRISTOPHER LORENZ

HILL MAEYER is in no doubt whatever that Asians will continue to eat rice rather than potatoes and Italians spaghetti. He believes that Germans will prefer their pencils for apple strudel, rather than English fruitcake.

Howard Kehrl agrees. He foresees that though Americans will become increasingly influenced by West German and Italian design, they will continue to have a character all their own.

From their different vantage points near the top of two of the world's largest companies, Philips and General Motors, Kehrl and Maeyer are at odds in insisting that, though global competition is growing, its impact is not as straightforward as it seems. Globalisation is inexorably under way, but — contrary to conventional wisdom — this does not mean that most purchases by consumers around the world will soon be of identical, homogenised products.

"Major producers of modern products must regard the world as their market and their battleground," says Maeyer, who is head of Philips' small domestic appliances division. Kehrl, the vice-chairman of GM, agrees that, in order to remain competitive, multinationals must become insiders in the "Triad" countries of Europe, the US and Japan.

But this does not necessarily mean, they both insist, that companies should sell the same products throughout the Triad. They should emphasise commonalities to the greatest possible extent, but Kehrl argues that this is much more likely to occur in the case of parts and components than in finished products. He forecasts that there will still be room for market-specific design in the motor industry, not just because of regulatory and environmental differences, but also in response to varying consumer preferences.

Speaking late last month in Washington at Worldesign '85, a congress of 2,000 of the world's leading industrial designers, both Maeyer and Kehrl took issue with the common view that product design in the Triad is rapidly becoming

standardised. This simplistic reading of the global ton leaves no room for marketing and advertising agencies has been popularised in the past two years on the basis of an over-literal interpretation of the writing of Professors Theodore Levitt, a highly influential professor of marketing at the Harvard Business School.

Though Kehrl accepted that future products would be much less country-specific than in the past, he was insistent that "we're not talking about cookie-cutter sameness." Nor did he mean any less variety of models. The motor industry was already making a consistent effort to provide a range of designs and new technologies such as flexible manufacturing which permit more variations on common themes, offering both economies of scale and specialised designs for specific market segments.

Myth

A further qualification to the myth of blanket global homogenisation was provided by Bill Maeyer. With the development of sizeable markets for old people, working women, one- and two-person households, and so on, the growing similarity of products in different countries was being accompanied by greater opportunities for "demographic segmentation." More and more new products would be tailored to specific new layers of customers around the world, he forecast.

All these changes meant that product management must be on the alert more than ever before, Maeyer warned. It must not only monitor its own market, but also carefully study related areas, and seek out new opportunities for market segmentation.

Declaring himself to be one of the growing body of general managers who recognise the vital part industrial design can play in improving corporate competitiveness, Maeyer said that designers at Philips "are expected to have a fine nose for all that is going on in society. Today's designer stands

on the crossroads of marketing and production and must play an ever more important role in the total business concept of global marketing." Howard Kehrl concluded: the designer "is a specialist in consumer taste, and a guide to the shape of future product competition."

This theme of industrial design playing more and more on its traditional role of skin-deep styling, ran consistently throughout the five-day congress. It was exemplified by a wide range of innovative products on display from the U.S., Europe and Japan, as well as from the growing number of design-conscious companies in South Korea and Taiwan.

It was propounded not only by self-styled design managers themselves, but also by senior top managers, as well as the star of the congress, the British government's Minister with responsibility for design, John Butcher.

Butcher's message to the congress, reiterated at his several appearances in specially made "designer" jacket and trousers, was that "design is a way of changing the fortunes of companies and economies. It is a key agent in wealth creation and in improving the quality of life." Similar sentiments were expressed by Margaret Thatcher herself, in a videotaped message on the opening day of the congress, when Butcher accepted an award by the congress organisers in recognition of the Thatcher Government's three-year campaign for better design in commerce.

It might seem curious that a star-studded gathering of the world's top Italian, Japanese, German, Scandinavian and American designers should pay such homage to the government of a nation whose products are not always noted for their good design. But designers are hungry for public recognition, and Mrs Thatcher has given them more of that than any other government since Prince Albert's campaign 125 years ago to encourage "art and industry" to get together. This crusade resulted in the foundation, among other institutions, of the Royal College of Art,



Arch-exponents of design extremes: Dieter Rams (left), with one of his classically restrained Braun shavers, and Ettore Sottsass of "Memphis," clutching a typically rule-breaking creation (it's not a duck or a petrol pump, but a table lamp).

Britain's premier design colleague.

But there was also a directly political motive for the Italian design of John Brahm at Worldesign '85. With the notable exception of the U.S., most major industrialised countries have established some form of government-sponsored organisation to encourage better design in industry. Britain's Design Council is the largest, but Japan and the Scandinavian countries have particularly active promotional bodies, and France and Germany have both stepped up their support in the last few years.

During the Washington congress, the Industrial Designers Association of America declared its support for legislation to establish a U.S. Design Council with the Department of Commerce. This was not the first time that such an appeal had been made, but so far the Federal Government's response has been confined to verbal declarations that good design is critical to success in the market place.

In true American style, the market place itself is being left to determine the level of demand for designers' services. Yet, in a bewildering kaleidoscope array of contrasts, a mass of such products — including working models of Leonardo's machines — jostled for space and attention in an exhibition titled "Design Excellence" at the Worldesign '85 Congress.

The same conundrum, of "what is good design?", also reared its head repeatedly in the conference hall. Kiyoshi Sakashita, chief designer of

All at sea over 'good design'

LEONARDO DA VINCI's great machine, the ornithopter, was allegedly well designed. But what about a car-like, horse-like transparent carriage with silver wheels and multi-coloured flashing lights, created by a Japanese design consultancy to encapsulate the "world of Kerakai (complete bliss)"? Or a set of garishly coloured bow ties and shirts made of resin by a trendy Californian entrepreneur?

Less in dispute, though not quite in the same class as Leonardo, are the black and white slavers, mixers and coffee makers made since the 1950s by Braun of West Germany. To most people, they represent the noble antithesis of German design theory, as formulated early this century by the Bauhaus and Modern Movement groups of architects — whose main legacy was a plethora of monumental and uninhabitable buildings.

Yet, in a remarkable array of contrasts, a mass of such products — including working models of Leonardo's machines — jostled for space and attention in an exhibition titled "Design Excellence" at the Worldesign '85 Congress. The same conundrum, of "what is good design?", also reared its head repeatedly in the conference hall. Kiyoshi Sakashita, chief designer of

Sharp, one of Japan's most advanced manufacturers, proudly presented several "lifestyle products" as he called them — such tributes as a range of gaudy, bulb-shaped radios dangling from chains, and semi-circular audio wrist bracelets to wear as a joke of fashion jewellery.

Immediately in Sakashita's wake, Dr Dieter Rams, his near-legendary counterpart at Braun, expounded a precisely contrary argument that design should be restricted and "honest", and that "the use of a few inexpensive clichés to give a product a new look is deceitful". His thoughts were echoed by several of America's most respected industrial designers. But many other Americans and Europeans sided with the more liberal Japanese view.

Behind this confusion of claim and counter-claim lies a dilemma which faces all industrial designers — and every company which employs them. What principles, if any — other than the obvious ones of consumer safety, cost-effectiveness, and profitability — should be followed in the design of products? Just the aim of "giving the consumer everything he or she wants"? Or something more demanding? Should industrial design continue to pursue the old "modernist" maxim that a product's appearance (or "form") should be dictated

by its function? Or should it, like Ettore Sottsass's "Memphis" group of avant-garde designers in Milan, emulate the highly controversial shift of many architects towards a "post-modernist" use of bright colours, strange shapes, and pastiches of various past styles?

Most industrial designers are less hidebound by theory than their architectural cousins, and have long since abandoned purist notions of "form follows function" and even the less restrictive guideline that "form expresses function." Many argue that, in an age of electronics, both maxims are wellnigh meaningless, unless all electronic products should be shaped like a silicon chip. Even for more traditional products, they have adopted a highly pragmatic approach.

Yet the Worldesign Congress was studious with attempts by some of the most well-known names in the business to renew old principles, and in the words of one of them, "to re-establish some order out of today's rampant chaos."

The most outspoken of all was Braun's Dieter Rams. Complaining of the "alienation and chaos created by persistent design sensibilities", he claimed that good design was still very rare; "Braun feels pretty isolated." Design would never receive proper priority among managers until designers took themselves seriously, he maintained.

Rams went on to outline a challenging and unbending set of "good design principles":

1—Design should be innovative (not necessarily technologically).

2—It should emphasise utility — looks are not enough.

3—It should, however, be "aesthetic." Braun always tried to beauty its products a simple beauty which would last for years. "It is more than annoying to have to live with things that interfere and get on one's nerves."

4—Good design displays the logical structure of the product. "Design should make the product speak."

5—Products should be as unobtrusive, neutral and received as possible.

6—Design should be honest, and not resort to cheap visual trickery.

7—Design should be long-lasting, not throw-away. It should contribute to a lengthening of product life cycles, not the reverse — a tendency which is becoming increasingly common in Europe and the U.S. in response to the conscious shortening of product lives by Japanese industry.

8—Design should be consistent down to the very last detail.

9—It should be ecology-conscious.

10—Finally, "good design is minimal design. Omit the unnecessary in order to emphasize the important." Such an approach would "help overcome the chaos in which we live."

An equally trenchant, but less uncompromising, expression of design virtues was made by Donald Genaro, one of the senior partners of Henry Dreyfuss Associates, a long-established New York design consultancy which helped create some of the most famous products in American industry, including the Bell Telephones, John Deere tractors, and Polaroid cameras.

The best test of good design, said Genaro, was "appropriateness for use."

The moment a product's design became more stylish than appropriate, it was not good design. For example, the design of the tail lights on almost every American car continues to be "a set of modishities." They reeked of "heraldry" and symbolism.

Yet such essentials as colour coding for brake lights and directional indicators were often missing. It was high

time that Detroit learned a thing or two from Mercedes.

Conceding ground to the opposing camp, Genaro said that practical and functional considerations were not the only test of good design. Post-modernist "whimsy" is OK but only if it is appropriate to the product and the situation in which it is used.

Beth Brahm and the Milan avant garde came in for some wry criticism from Mario Bellini, who combines his work as an industrial designer for Olivetti with architecture and furniture design. No less than 13 of his products are displayed in New York's Museum of Modern Art, which has a large collection of classic product designs.

The Memphis Movement was influential, he said, "because it reminds us that bad taste and pop design are sources of inspiration for industrial design." In stark contrast with Rams, he argued that good design was not necessarily related to durability. "Products can be long-lived but boring."

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Wednesday September 4 1985

The search for jobs

UNEMPLOYMENT has moved relentlessly to the centre of the political stage over the past two years. In 1983, when the economic recovery was beginning to gather steam, it was much easier to be sanguine about employment prospects than today after a year of average economic growth. Politicians and politicians are rarely in agreement but both now seem to believe that the outcome of the next general election—the prospect of a hat-trick for the Conservatives—depends primarily on the Government's record on jobs over the next two years.

The persistence of high unemployment refutes the argument, now embraced by the Prime Minister herself, that the Government's problems are principally presidential.

A thousand and one communicators, even Mr Jeffrey Archer, the Conservative Party's new deputy chairman, cannot obscure the uncomfortable fact that the unemployment total has been stuck well above 3m for several years and that one in four young people is without work. This is a problem which has to be solved, not merely repackaged.

Unemployment has become a progressively more acute political problem. Mrs Thatcher, an increasingly prominent role in the search for a solution, it is not evident that the ministers running the three big departments concerned with unemployment—Mr Nigel Lawson at the Treasury, Mr Leon Brittan at the Trade and Industry Department and Lord Young of Graffham at Employment—are all protégés of Mrs Thatcher.

In the past few days the Prime Minister has stressed the importance of the new, beefed-up Employment Department and the pivotal role which will be played by Lord Young, the man who comes to her with "solutions rather than problems." Lord Young—self-made, energetic and optimistic—is the very embodiment of Thatcherite values. His elevation and the fact that the Employment Department will now field two Cabinet Ministers (Mr Kenneth Clarke will answer questions in the Commons) suggests Mrs Thatcher has taken Mr Lawson's main lecture very much to heart: the solution to unemployment is the solution to unemployment.

Goals of U.S. farm policy

AMONG all the other burning issues on its agenda, the U.S. Congress was yesterday returning to the fray over the awkward question of farm policy. As legislators return from their summer recess, they have just 12 working days left before the current four-year Farm Bill, which sets the framework for all agricultural support, expires.

In practice that is not a final deadline, and Congressmen have a couple of months more before they absolutely need to pass a new Bill. But it does indicate that time is beginning to run short for the Reagan administration in its praiseworthy efforts to reduce farm support and establish what it calls a more market-oriented policy. With every passing month, the need to bring agriculture—both in the U.S. and in the EEC—closer to the realities of the international market is becoming more urgent. Nowhere is this truer than in grain.

Cereals sales by most of the big exporters are looking dreary for this year by the Soviet Union, while the oil-exporting countries in the world market—expecting a better harvest—America's efforts to boost its competitiveness through the so-called export bonus scheme have so far been something of a flop: two of the targeted countries—Algeria and Yemen—have not bought a single ounce of grain. U.S. agricultural exports are expected to be nearly 16 per cent down on 1984's already depressed level.

Bankruptcies

Meanwhile, as many Congressmen will have seen again at first hand during their summer break, the problems on the U.S. farm belt simply get worse. Farm bankruptcies are continuing at record levels, and the whole U.S. farm credit system is looking decidedly shaky. Still, wonder, then, that Carter's Bill appears to be experiencing the difficulty in fitting the 1985 Farm Bill within the constraints called for by the administration. As President Reagan reiterated during a recent radio broadcast, the White House wants spending on commodity support programmes to be kept to \$34.8bn over the next three years, and all the proposals on the table in both the Senate and the House are way over budget.

Nevertheless, the heaving

ment is to be sought increasingly through micro-economic supply-side measures.

In the hands of Lord Young and Mr Clarke, the department will evolve out of its traditional industrial relations brief and become more explicitly concerned with job creation. Lord Young will bring with him his mid-syndicate "jobs task force" and the Enterprise Unit.

If a supply-side cocktail of better vocational training, business deregulation and more ambitious trade union reform (perhaps a more spirited attack on the closed shop) can turn the unemployment tide in the closed shop) can turn the unemployment tide in the near future. Nonetheless, a string of events reaching from Tokyo to Los Angeles have focused a revealing light on the cherished notion of Japanese corporate independence.

For many sectors of Japanese industry that notion, it appears, is now under seige. But those setting the pace are not international financiers with pockets full of other people's money. The increased tempo of mergers and acquisitions is now being set by the gentle manoeuvring of sizeable companies (mostly Japanese but some from abroad) and backed by industrial logic, not simply deep pockets.

The events of the last few weeks are the exceptions which prove this rule. In mid-August, Minebea, a world leader in the ball-bearing industry and something of a maverick within Japan for its aggressive management style, launched an unwanted take-over bid for Sankyo Seiki, a precision machinery maker, by disclosing a 15 per cent stake in Sankyo. The move was described as Japan's first contested take-over bid.

Just as this news was being digested, it was discovered that Minebea had been the target of another unwanted bid, this time from a foreign predator, Charles Knapp, through his Los Angeles-based investment banking firm Trafalgar Holdings, disclosed it had cornered nearly a quarter of Minebea's shares by purchasing warrants and convertible bonds from London-based Glee International. Minebea's shares have shot up on the news, from Y700 before the news, to Y200

last week. The persistence of high unemployment refutes the argument, now embraced by the Prime Minister herself, that the Government's problems are principally presidential. A thousand and one communicators, even Mr Jeffrey Archer, the Conservative Party's new deputy chairman, cannot obscure the uncomfortable fact that the unemployment total has been stuck well above 3m for several years and that one in four young people is without work. This is a problem which has to be solved, not merely repackaged.

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There is a danger that in putting so much stress on new enterprise and deregulation the Prime Minister will be raising expectations that cannot be fulfilled. All the levers available to the Government, including macroeconomic policy, have a part to play in the battle against unemployment. One of the central issues for the UK is the wage-setting process; what is needed is not so much moral suasion from Ministers as changes in the labour market to improve the flexibility of wages. This, too, is a structural reform which will pay dividends in the long term; but it must be given high priority by Lord Young and his team.

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Mergers and acquisitions

Why more marriages are being made in Japan

By Carla Rapoport in Tokyo

Panding by the month

Japanese companies are not for sale," says Mr Stephen Church, a fluent Japanese speaker.

Church is head of Yamazaki Securities' six-year-old international mergers and acquisitions operations. Mr Church's business card makes no mention of his division's name, because even today, the concept of a take-over is still culturally taboo.

The Japanese word for acquisition, *bainhu*, also means bribery, while the word for

take-over, *nottori*, doubles for this works the best.

According to the Foreign Exchange and Foreign Trade Control Act, a direct investment of 10 per cent in a Japanese company automatically requires submitting to a detailed approvals procedure by both the Ministry of Finance and the ministry overseeing the activities of the industrial sector involved.

"They require a lot of details. Although it is submitted confidentially, the information would be leaked to us (by government officials) and this would help us prepare our defence," said Mr Senoue matter-of-factly.

But even if a foreign aggressor could jump through these hurdles who, as a Government official put it yesterday, would work for him?

Legally speaking, hostile predators from abroad are free to buy controlling stakes in any company they wish—thanks to recent liberalisation in this

area. Practically, however, the system tacitly protects the purveyors of the *protection*.

Ironically, Mr Kenji Senoue, general manager of Minebea's planning department and architect of the company's bid for Sankyo Seiki, explains the way

such as supermarkets, electronic components, and a bit further ahead, the financial sector, which faces a huge surge in competition because of planned liberalisation in Japan's financial markets.

In addition to rationalisation

deals, companies are looking at mergers as a relatively cheap way to expand their product line or diversify their business. Mr Francis Pike of MIM, the UK investment bankers now owned by Adams Life, points out that in the 12 months to March 1984 cash and deposits on hand in Japanese public companies swelled to US\$6bn, while holdings of short-term securities nearly reached US\$5.5bn. Both figures show a more than three-fold increase over the previous year.

"Now that cash flow is outstripping internal investment requirements, many Japanese companies are turning to mergers as an alternative to investment in securities," says Mr Pike.

A recent survey of 100 large Japanese companies echoes these sentiments. A surprising 48 per cent stated that mergers and acquisitions were an "important business strategy." The path for the foreign investor of a sweetheart marriage as alien as proposing English as the national language.

AND WHY MR RAMSDEN IS SHOWING SUCH A KEEN INTEREST

Mr Terence Ramsden is nothing if not confident. The man who has caused a stir on the Japanese Stock Exchange by selling options over his stake in Minebea to the American investment banker Mr Charles Knapp, says he thinks the shares could climb as high as Y1200. (At the moment they are around Y820 having risen substantially in the last couple of weeks.)

When told that analysts would not agree with this valuation, he replies: "But they don't know what I know."

The statement encapsulates the role that Ramsden, 33, has played in the Minebea affair. He gives the impression of a Japanese specialist who always has another ace up his sleeve, that he has found a way through the jangle of Japanese corporate inscrutability and has at last opened up the country for foreign takeovers.

In the process, he has seen his own stake in Minebea increase in value by more than one-third.

The deal by which Charles Knapp got options over a 23 per cent stake of Minebea was, according to Mr Ramsden, the result of his ten-year apprenticeship in the Japanese corporate sector.

Through Glen, his London-based investment group, Mr Knapp, aged 51, is best known as the controversial figure behind the meteoric rise and fall of Financial Corporation of America (FCA), its parent of America's biggest Savings and Loan.

essions from British Airways, and straining in Congress does mask an important fact: the general aim of the Administration—to reduce farm price support to a more realistic level—has found a surprising degree of acceptance on Capitol Hill. The theory is that by doing so, U.S. farm exports would become more competitive, and there would be real prospect through pressure on the EEC, in particular—of drumming some sense into the crazy world of agricultural trade.

The problems in taking those principles forward are twofold. First, pressure is mounting for a further financial rescue package for farmers—to an extent which might scupper the Administration's proposals.

Second, many people involved in the debate are expressing grave doubts as to whether U.S. exports can become really competitive unless there is some action which will inspire a significant further fall in the value of the dollar.

On the first point, it is difficult to see what can be done to help. Eighty per cent of U.S. farm production accounted for by 20 per cent of the farmers, and most of the rest are already probably beyond assistance. But an Administration gesture in that direction might be worthwhile, if only to help Congressmen to sell the main thrust of its proposals.

Price supports

The second problem is beyond the scope of the Farm Bill. But farmers and their lobbying friends in Congress are still clinging to the idea that the Administration's bill, or make it easy for President Reagan to negotiate on trade liberalisation, unless they can have some confidence that fiscal policy, and the exchange rate it has such a hand in determining, will enable them to compete.

The importance of the U.S. going its farm policy right this year can scarcely be overstated. The U.S. Farm Bill of 1981, which set price supports at artificially high levels, was a major reason why the EEC felt able to pursue such a misguided expansionist agricultural policy in the first few years of this decade, and laid the seeds in the meat we are in now.

The conditions of the mid-1980s are different, and they require genuinely new answers.

Ramsden has over the past 15 months been buying Minebea bonds with detachable share warrants.

These would cost Mr Ramsden a cool \$150m to convert and in any case Minebea shares were trading at such a low level that this was hardly an attractive proposition.

Instead, Mr Ramsden sold an option over the shares to Mr Knapp, who was well known for his willingness to take risks.

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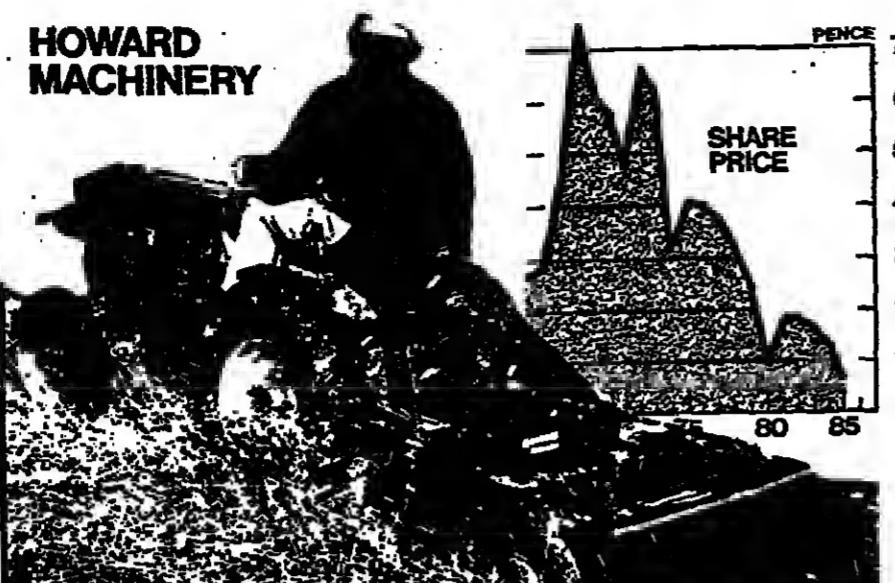
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UK FARM EQUIPMENT INDUSTRY

A star that fell to earth

By Lucy Kellaway

HOWARD MACHINERY



"BRITAIN'S SURVIVAL depends upon the ability of her manufacturers to live adventurously. There is no alternative." That was what Howard Machinery, one of Britain's oldest makers of agricultural equipment, asserted at a time when Margaret Thatcher had barely left university. The company, then called Rotary Hoe, issued a pamphlet to commemorate the Queen's Coronation, and for the next 20 years it lived up to its formula for success.

Today, however, the UK arm of Howard is in receivership, the overseas subsidiaries are being sold off and the remainder of the company is fending off liquidation by persuading its creditors to write off their loans. Even the well-respected "Howard" name is to go. On Friday, Howard's luckless shareholders will vote on a proposed name change to "HM Holdings plc."

The key to Howard's success was to develop a specialised product — thus side-stepping competition from the multinational giants of the farm machinery industry such as Massey-Ferguson and John Deere — protect it with patents and seek a dominant position in a niche market. Howard mastered this strategy better than many of its competitors, and through innovative flair and aggressive marketing built up a strong world position with turnover that touched £85m at its peak in 1979.

The story of Howard's decline, in which 30 years of expansion were reversed in a decade, demonstrates the vulnerability of a company which needs continually to generate new products just to stay in the race. It shows how a medium-sized engineering firm with heavy production over heads can be squeezed when faced with falling demand. And it provides a particularly sad example of the common cause of failure of all poor management decisions finally resulting in a loss of control.

Howard's tale begins before the war, with the Rotaerator, the company's first big success and its greatest achievement. Developed by Mr Alan Howard, an Australian engineer and the company's founder, it lifted rather than ploughed the soil and could be used in all climates and on the harshest ground or in a paddy field. Operated either

by hand or pulled by a tractor, the machine did the work of a harrow, a seed driller, a seed cutter and many others besides.

Production began in earnest in the UK after the war. Salesmen were sent round the world to demonstrate the machines. By the 1950s Howard was producing in France and West Germany. A decade later, it had 18 overseas subsidiaries and was selling 30,000 Rotovators a year in 153 countries.

The machine, meanwhile, was continually updated and improved. A variety of attachments and specialised models was available. However, by the mid-1960s, many of the patents had lapsed and Howard was suddenly faced with cheaper competition from overseas.

Faced with a declining share of this market, Howard came up with its second best-selling product, the Rota-spreader, and rapidly gained 65 per cent of the world muck spreading market.

"It was complete chaos. We never succeeded in making as many machines as we had done before," says one of the directors of Howard Rotovator, who had opposed the move from the start. At the same time, Howard pushed ahead overseas, moving to larger modernised factories in France and in West Germany.

Even if the market had not turned down at this moment, Howard would still have been in trouble as the patents on the two main farm machinery — Rotaerator and Stair-Jeffries and Bamfords — a plan which never came off.

In 1969 Alan Howard and the original chairman Mr E. N. Griffiths, retired. Mr Peter

Coleclough, who took over as chairman, immediately launched the company into a series of bold acquisitions, including J. M. Mann, a UK distributor of West German Claas machinery. At that time the tone of the market for machinery was very cheerful, EEC price subsidies and booming worldwide demand meant that by 1973 Howard had more orders than it could cope with.

In 1973, the first disastrous step was taken in moving the efficient, albeit unwieldy factory in Essex to five different sites in the UK. Extra capacity was needed to cope with demand and the company was also attracted by cheaper costs in other countries.

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The big baulk should have been the next success, and a factory was opened in the US. It was the next success, and a factory was opened in the US.

For a while it seemed that all was well again. The company started to make fine profits after another spate of mergers and closures, which saw the entire UK production of Rotovators move to France where costs were lower.

More important, Howard brought out its first exciting new product for over a decade — the paraplow, a machine which loosened the soil and improved its yield. However, without the breadth of market of either of its earlier winners, the paraplow alone could not save the company.

In 1983, when Howard seemed to be back on its feet, was pushing profits towards the £20m mark and was under the new leadership of Mr Frank Alsop, the company took another wrong turn. Expecting a pickup in the market, it started to spend heavily again on R&D and marketing.

But demand failed to materialise and a fourth major round of cutbacks followed. By mid-1984 the executives were suffering from battle fatigue. The whole company had lost its way.

The catalyst, according to Mr Nigel Duxbury, the company's managing director, was the end of that year, a clean sweep had been made of the top European executives. Mr Alsop was replaced at the top by Mr George Hill.

Mr Hill strongly denies that he was brought in to wind up Howard. "I'm a businessman, not a company doctor," he claims. But less than a year after his appointment, a agreement had been signed to sell all the European subsidiaries to the Howard name and trademarks to a Danish company for £2.55m, and the receiver had been called into Howard Rotovator in the UK.

The net asset value of what is left is about half of the capital, and if the company went into receivership now, creditors and shareholders would probably get next to nothing.

Last week Howard's shareholders approved a plan to stop the receiver by providing for a conversion of the bank's debt into equity. Under the terms of the plan, HM Holdings will be a company backed by about £800,000 in cash, poised to reinvest in a business "not necessarily related to the field of agricultural products."

IS ANOTHER major reorganisation of Britain's local government now imminent? Only two or three years ago such a question would have seemed utterly ludicrous.

The system, established in 1974, which was expected to last at least a generation, had settled down after some initial teething problems. Moreover, no one involved in all the upheavals associated with that major reform would lightly contemplate another.

The structure of local government was simply not a live issue.

All that has now changed. There are persistent reports, officially denied but still circulating, of a Department of Environment investigation into the possibility of abolishing the 338 shire districts. A rival proposal to abolish the shire counties is only one of several put forward at the annual conference of the Association of District Councils.

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Local Government in Britain

Once more the system is up for grabs

By Bob Leach

their pet solutions, and again peddle them eagerly to anyone who will listen. Once more, it appears, the whole system is up for grabs.

What are the options? One possibility if Labour gained power at Westminster would be a simple restoration of the status quo ante. This would be the least disruptive alternative, but it may not be enough to satisfy the thirst for revenge among Labour supporters for what was perceived as an extremely partisan measure.

Already there are plans for a new super GLC. More powerful metropolitan counties are also a possibility — in 1970 the then Labour Government had wanted to give education to the proposed new metropolitan authorities, as well as more extensive housing and planning powers than they eventually acquired.

Jones and Stewart emphatically reject the notion of any intermediate elected tier of government between the town hall and Westminster. Yet the regional government lobby has revived strongly of late.

The attractions are clear. Regional government could end the over-centralisation of British administration and lessen the dominance of London. It could bring under the control of directly-elected authorities a host of regional quangos and outposts of central government departments which are not currently accountable to any democratically elected body. It could act as the catalyst for the economic regeneration of some of Britain's most depressed areas.

Yet the obstacles are familiar and formidable — the low level of regional consciousness over much of the country, the absence of any consensus on the number or boundaries of regions, the potential costs of imposing a new tier of government, and the opposition of various vested interests to subordination to elected politicians.

Regional government retains some support within the Labour Party, but has more consistently been advocated by the Alliance, particularly its Liberal component. It could be on the cards if the next election produced a hung parliament or conceivably an Alliance victory.

The author is Senior Lecturer in Government at the School of Accounting, Polytechnic.

considerable blood-letting in Labour local government circles, where the former county borough lobby remains strong. For that reason a return of powers to the district cities is perhaps more likely, the consequence of a Labour victory.

This would be consistent with the renewing desire for a unitary system of local government with all functions concentrated at one level. Unitary authorities would be simpler for the public to comprehend, and would assist co-operation between services.

Finally, change itself opens up the possibility of further change. All those whose hopes were disappointed in 1974, unitarians, regionalists or whatever, who had been reluctantly resigned to the system which then emerged, can dust down

their old briefs and start again.

Thirdly, the political passions stirred by the battle over abolition ensures that further reorganisation will follow, perhaps in government.

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FINANCIAL TIMES

Wednesday September 4 1985

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THE THATCHER APPROACH TO MINISTERIAL CHANGE

High office for promising pupils

BY PETER RIDDELL, POLITICAL EDITOR, IN LONDON

MRS THATCHER behaves like an enlightened headmistress (of a grammar school, naturally) in her annual shuffling of ministers. She rewards the effort of promising pupils as, with rare exceptions like the outsider Lord Young, they gradually work their way up the hierarchy.

For all the surprise of the last-minute switch of Messrs Brittan, Hurd and King, the hallmark of the changes is their predictability and sense of order. This reflects that the crucial influence of those consummate party managers, Lord Whitelaw, the leader of House of Lords, and Mr John Wakeham, the chief whip. Most of the moves, particularly at a junior level, reflect thoughts first generated in the whips' office in the early summer.

Moreover, it was the caution of the party managers that persuaded Mrs Thatcher last weekend, against her original intentions, not to bring back Mr Cecil Parkinson. This explains Mr Brittan's move. He is in no way being demoted.

The Prime Minister has also preserved the political balance of the Cabinet. While Mr Kenneth Clarke and Mr Kenneth Baker have neither antecedents than the departing ministers, Mr Clarke is firmly part of Lord Young's team and Mr Baker and the Prime Minister are one on local government issues and especially the need radically to reform the rates (local property taxes) system.

Both appointments were predictable in the sense that, like Mr

Clarke and Mr Baker were next on the list for promotion to the Cabinet, after lengthy and successful apprenticeships as ministers of state.

The same point applies to Mr John MacGregor, who, though publicly unknown, has earned much respect within the Government for his work on small business and agriculture. His selection as chief secretary to the Treasury is not a surprise, since he was the whips' office candidate, even though Mr Norman Tebbit is believed to have argued in favour of Mr Paul Channon, the Trade Minister, for the post.

Outside the Cabinet the vacancies have generally been filled by ministers who have served in a couple of under-secretary posts. The most notable promotions have been of Mr John Patten, Minister for Housing, and of Mr William Walgrave, Minister for Local Government. Both entered the Commons for the first time in 1979, were appointed ministers in January and September 1981, respectively, and have served in two jobs.

Both are also part of the close network of some Oxfordshire-educated Tory MPs in their early 40s, who formed the Blue Chip Group (other members include Mr Chris Patten, a junior minister, and Mr Tristan Garel-Jones, a whip).

In 1981, they produced a pamphlet urging a shift of Government economic policy.

Otherwise, some existing ministers of state have been shifted either sideways or slightly upwards to gain more experience. The main promotion has been for Mr Richard Luce to become Arts Minister, although Mr Ian Gow has gone to the Treasury after two difficult years as Minister for Housing.

Other shifts of a similar nature involve Mr Norman Lamont, who will use his considerable industrial experience as Minister for Defence Procurement. Mr Peter Morrison, moving from employment to Industry, and Mr Barney Hayhoe, shifting from the Treasury to become Minister for Health. Mr Hayhoe already has considerable experience in dealing with civil service pay and numbers, which will be immediately relevant in handling the National Health Service.

In general, such ministers of state must be patient and wait to move up the list of those whose turn it is to join the Cabinet.

The newcomers as junior ministers - Mr John Major, Mrs Angela Rumbold, and Mr Michael Howard - are all among the category of members who have been talked about at Westminster as promotion candidates.

Mr Major, for example, has made a mark at the whips' office, most recently over the Finance Bill. Mrs Rumbold, first elected at the Mitchell-by-election in 1982, had attained the mysterious status of being the only "promotable" woman MP, presumably because she is hard-working and serious in a way that Mrs Thatcher admires.

Profile of new Conservative deputy chairman, Page 8

Belgium's coalition Government dissolved

By Paul Cheeseright in Brussels

BELGIUM'S parliament was dissolved yesterday, opening the way for the country's 14th general election since the second world war. It will take place on October 13.

Dissolution followed the failure of the four-party centre-right coalition Government of Mr Wilfried Martens to agree on a programme of constitutional reform discussions, largely connected with handing over control of education to the linguistic communities.

The two main communities are Dutch-speaking Flanders in the north and French-speaking Wallonia in the south.

But the Martens Government remains in power until the election and the next parliament will not have the power of a constitutional assembly.

The education question will not go away, however. It has widened the breach between the two centre parties - the Flemish Christian Democrats, in which Mr Martens is the senior politician, and the French-speaking Social Christians.

The Social Christians have consistently opposed handing control of education to the communities, while the Christian Democrats have espoused the idea.

Christian Democrat ministers and the Flemish press were yesterday making it clear that the Social Christians' success in blocking constitutional reform discussions would prove to be a pyrrhic victory.

Insistence among Christian Democrats on changing the financing of education so that, in effect, a large proportion of money goes to Flanders will hamper any discussions on a new coalition involving both parties after October 13.

These arguments point up the return of communal issues to the traditionally fractious Belgian political scene. One reason for the survival of the Martens Government - the longest running in Belgium since 1963 - was an agreement among the coalition parties to keep communal issues out of the mainstream of politics.

The two centre parties, with the Liberals from both sides of the language frontier, held 113 out of 212 seats in the outgoing parliament. They have sought to give an impression of stability rare in recent Belgian history.

Bonn opposition problems mount as SPD treasurer resigns

BY PETER BRUCE IN BONN

WEST GERMANY'S main opposition party, the Social Democrats (SPD), was plunged into an embarrassing crisis yesterday by the sudden and apparently angry resignation of one of its most senior members, Herr Hans-Joachim Wischnewski, as party Treasurer.

Herr Wischnewski left the post accusing the party's parliamentary leader, Herr Hans-Joachim Vogel of behaving "like a primary school teacher" and warning that the SPD was running out of money.

The resignation, which could not have been more badly timed - SPD later in the day attempted to unseat Herr Friedrich Zimmermann, the Interior Minister, for his role in the latest Bonn spy scandal - is thought likely to unleash a damaging round of infighting within the party.

The SPD leadership, which has been carefully trying to conjure up a state of calm within its ranks well ahead of the next general election, scheduled for February 1987, greeted the departure of Herr Wischnewski with dismay yesterday.

The party is understood to be

close to naming Herr Johannes Rau, premier of the state of North Rhine Westphalia, as its candidate to run again at Chancellor Helmut Kohl in 1987. This would mean bypassing Herr Vogel, and would be a major political setback for the current parliamentary leader.

Herr Wischnewski, a former vice-president of the SPD (he gave way in this office to Herr Rau in 1982) was held in high regard by the party's most senior body, the presidium, and on the national executive.

Herr Wischnewski, a former vice-president of the SPD (he gave way in this office to Herr Rau in 1982)

earlier this week over party finances. The former treasurer had wanted to effectively close down the loss-making SPD newspaper, "Vorwärts", or merge it with a magazine sold exclusively to paid-up members. The party's national executive is said to have turned him down on Monday and he resigned in a letter to Herr Willy Brandt, party chairman, early yesterday morning.

Herr Brandt said he regretted the resignation but called the attack on Herr Vogel "unnecessary".

The SPD is known to be in financial difficulty. The party is also likely to finance the next election campaign from funds collected at a central level and not solely out of central finances.

British union split widens

Continued from Page 1

general secretary and leader of the new National Federation, was in Blackpool earlier this week for talks with EPTU leaders on a possible merger with the electricians - one which would appear probable if the EPTU is expelled from congress.

It appeared last night, as the Amalgamated Union of Engineering Workers' executive met in Blackpool, that they would refuse to conform with the TUC's demand that they cease taking state aid for ballots - thus making likely their suspension from congress today.

The TUC decisions were greeted as a boost to the Government by Mr Norman Tebbit, who took up his new post as Conservative Party chairman yesterday.

"We have got off to a super start today in every way," he said, "not least because the TUC conference has celebrated my arrival here (at Conservative Central Office) by doing all sorts of daft (more stupid) things than even I thought was possible."

French Socialist camp gets ready to canvass

Continued from Page 1

There are already plenty of signs of the party fraying at the edges, with M. Michel Rocard, the former agriculture minister, declaring his candidacy for the presidency; the open dispute that emerged in the summer over whether the party should move to the centre as part of a "Republican front"; and the understandable bitterness of great numbers of deputies who are being given places on the Socialists' lists of candidates where they will inevitably lose their seats.

M. Jospin, who took over the running of the party from M. Mitterrand in 1981, has the reputation of being insufficiently tough. He failed to curb the note of class warfare and revenge that burst through at the party's 1981 victory congress and which did it much damage in the eyes of the public.

With his shock of curly grey hair, and thin rimmed spectacles, he looks like a Protestant preacher. His politics are fired with a passionate moral concern and preoccupation with Third World issues that have won him a "boy scout" label and the enmity of the right. Over the Greenpeace affair he is adamant that those who blew up the Rainbow Warrior must be brought to justice.

Unexpectedly this summer, however, Jospin showed that he could be tough. Faced with a soft footed manoeuvre by M. Fabius to take the running of the campaign out of his hands, he responded by a public threat of resignation that left the Socialist leadership gasping. M. Jospin still believes that he had no choice because his efforts to pursue the matter privately had failed.

At stake he believes were issues of the independence of the party in relation to the Government and presidency, its future policy and leadership and the choice of candidates for the parliamentary elections. His strong tactics worked, and for the

Hanson lifts offer for SCM to block plan for buyout

By William Hall in New York

HANSON TRUST, the UK conglomerate, yesterday increased its bid for SCM, the New York-based conglomerate, by fifth to \$72 per share cash in a last minute bid to block SCM management's plans to take the company private.

The same approach is likely to be reflected in the remaining appointments expected in the next day or two of a Minister of State at the Foreign Office, a Sports Minister - little power but much publicity and gravitas - while there may also be switches in the Department of Education, and among Social Security Ministers.

By contrast, Mrs Thatcher has got rid of ministers who, though royalists, like Mr Jenkins and Mr Rees, have got themselves in a position where they were both criticised within the Government and publicly.

The more junior resignations, for example, of Mr Mackintosh and Mr Fletcher, are of two people who have been under secretaries since 1978 and did not have immediate promotion prospects.

But in politics, as long as there are reshuffles, there is hope for back-benchers and junior ministers of at last getting to the Cabinet - in time.

Profile of new Conservative deputy chairman, Page 8

THE LEX COLUMN

Hanson plays at leapfrog

The equity market would be a duller place without the Hanson sisters. Yesterday morning's cockiest statement about Bowater Industries provided the biggest thrill of the day in London but, not to be outdone, the New York sister provided even greater excitement in the early evening with a revised proposal to SCM.

Hanson's original offer had always looked a sighting shot forced upon it by a sudden move in the SCM price but the increased tender of \$72 a share is probably more generous a revision than Wall Street had expected. With delicate timing, Hanson narrowly tipped the \$70 of for rushed out by Merrill Lynch and the SCM management only an hour earlier.

A third bidder could yet emerge but it looks increasingly unlikely that SCM's ownership will be determined by a straight run-off between Hanson and the management consortium. In that event, Hanson must have the upper hand. The management team has already put its name to an offer worth less than its revised Hanson terms and, in a high-out, would incur substantially higher funding costs than its more muscular rival.

Hanson can also comfort itself with the thought that the management of U.S. Industries tried - and failed - to thwart Hanson through a higher offer last year.

At \$72 a share Hanson would be

paying about 12 times earnings and a premium of roughly a third to the last published asset value. But, while SCM is now looking less of a bargain, Hanson should still cover its financing costs in year one with \$15-20m to spare. And that is before it applies any of its familiar treatments to such extravagances as a house office or an R & D budget.

SCM is the latest and biggest target to come into the sights of Hanson Trust, one of Britain's most acquisitive companies. If Hanson succeeds in taking over SCM it will double the size of its U.S. business which in the year to June 1984 had trading profits of \$140.5m and sales of \$1.7bn. Hanson employs 37,900 people in the U.S. and produces everything from hot dogs to garden tools, shoes and furniture.

SCM's whose profits are recovering after several years in the doldrums is an example of "smokestack America". It operates more than 70 plants around the world employing over 20,000 people and its products range from titanium dioxide, which is used in the paint business, to pulp and paper food.

Last year it earned \$41.8m on sales of \$2.7bn.

SCM said Merrill Lynch had agreed to provide up to \$450m of the funds required to purchase the shares. It added that Prudential Insurance Company of America had expressed a willingness to provide most of the additional funds subject to certain conditions.

Kleinwort Benson

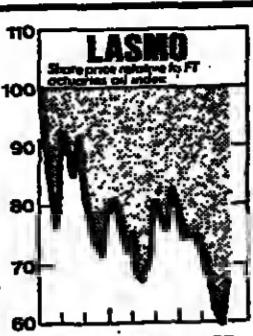
Another UK financial institution tradition was cast aside yesterday as Kleinwort Benson supplemented its customary dividend announcement with a proper set of interim figures.

Kleinwort's radicalism has not yet extended to full disclosure of banking profits but the message of the published numbers is that the City of London's biggest merchant bank enjoyed a most satisfactory half-year.

As it was, the mere hint that the last Open member still sitting at the official price might have found

some elegant way of charging its customers less was enough to send the whole sector down. Whether the story is true or not, it is a firm reminder of the market's nervousness about oil prices, and a company such as Lasmo, which trades on a multiple equal to its colleagues' percentage yield (and vice-versa) will be hit correspondingly harder.

Still, a 14p drop in Lasmo's share price to 278p is a pretty cool response to increases in sales, production and pre-tax profit of 30, 40 and 33 per cent respectively. The City of London could not reasonably hope for an increased interim dividend



so soon after stumping up £88m in cash for the rights; so, somewhere between Lasmo and the City, something has gone wrong.

Lasmo produced an excellent justification for its call on shareholders: having run up a remarkable string of finds, it needed cash for appraisal and the equity portion of development costs. The company has already delivered the goods in production, finds are announced at no less remarkable a rate, and next year should hold something for earnings as higher-margin Far East oil replaces a dip in the North Sea.

Appraisal of 17 Block, which Phillips is trying to sell, and development of the Aubrey field should provide some badly needed tax efficiencies.

However, this will do little for Lasmo's share price so long as the City is suspicious about the quality of discoveries; and whatever Lasmo's skill at finding oil, it might do well to ensure that a cash outflow next year does not set the market thinking too early of rights.

Exco

Whereas Exco used to be valued as an indirect investment in Telestar with its own operations thrown in for a few pence per share, sale of the Telestar stake has necessarily forced the market to think again.

The rethink has not, however, resulted in a markedly different share price; 20p on the day of the Telestar deal in July, the shares stood at 20p yesterday - a level which still leaves the business valued at barely 50p a share more than its net cash in its balance sheet.

That may seem a little unfair, given the evidence that Exco's underlying performance this year has been running above the market estimates. Money broking may have come to seem a rather stale activity amid the more exotic forms of financial service nowadays to be obtained in the City of London, but Exco's money broking business continues to advance strongly, more growth being achieved in deposit broking than foreign exchange.

Since forfaiting has produced unexpectedly quick returns, and WI-CO has gained market share in the Far East at small cost to current earnings, there is a case for rating the whole bundle slightly higher.

A revaluation will probably have to wait upon Exco's reinvestment policy, which could well see it gear up to embrace more ambitious acquisitions even than Telestar. Until then, Exco's cash pile can scarcely expect to attract a much higher rating than is implicit in its 11 per cent running yield.

Malaysia picks Pratt & Whitney engine

By Wong Suiong in Kuala Lumpur and Chris Sherwell in Singapore

ROLLS-ROYCE of the UK has lost a much sought-after \$40m Malaysian aircraft engine order to Pratt & Whitney of the U.S. after the Malaysian Government overrode an accord between the engine manufacturer and its two national airlines.

The order represents a major setback both for Rolls-Royce and for General Electric of the U.S., the two regular engine suppliers to Malaysian Airline System (MAS).

It has Pratt &

SECTION II - COMPANIES AND MARKETS

FINANCIAL TIMES

Wednesday September 4 1985



Canada to tighten rules in wake of bank failures

BY BERNARD SIMON IN TORONTO

THE CANADIAN Government plans to introduce legislation to strengthen the powers of bank regulators in the wake of last weekend's collapse of two Alberta banks, Canadian Commercial Bank and Northland Bank.

Mrs Barbara McDougall, Minister of State for Finance, said yesterday that the Government will also ask parliament to investigate the affairs of the two banks, and will set up a private sector panel to propose ways of strengthening regulation of financial institutions.

The proposed measures, coupled with a Government assurance that all depositors in the two banks will

be compensated for losses, reflect Ottawa's efforts to ensure the public that the troubles at CCB and Northland will not affect the overall stability of the Canadian banking system.

The Bank of Canada precipitated the collapse of the two banks by withdrawing the support given to them in recent months in the form of short-term loans. Both banks had a heavy exposure to the depressed property and energy markets in western Canada. Their problems were exacerbated by depositor nervousness after the Canadian Government and six large banks devised a bail-out package for CCB last March.

Mrs McDougall said that the legislation to be presented soon will give the minister of finance authority to prevent the transfer of ownership of federally regulated financial institutions such as banks where the transfer is deemed to be contrary to the public interest. Federal regulators will also be able to take action earlier to curb activities threatening the viability of these institutions.

The Government disclosed yesterday that about one-third of CCB's outstanding loans were non-performing. Although it declined to reveal the size of the bank's loan portfolio, CCB's assets total roughly \$32.7bn (\$1.96bn).

Italy wins fine terms for floater

THE ITALIAN Treasury yesterday awarded the mandate for its Ecu 300m floating rate note to Banca di Sicilia. But decided not to launch a fixed-rate issue, at least for the time being. Fixed-rate Ecu Eurobonds and other currency sectors were suffering yesterday as the dollar made further gains, writes Magie Urry in London.

Following a high level of competitive bidding for Italy's issue, tight terms were set, while some traders said the large size of the deal would make it move slowly. The issue amount is the largest floater yet in the Ecu market, and once the bonds have been placed, that should encourage liquidity.

The seven-year bonds will pay interest quarterly at 1/4 per cent above three-month London interbank offered rate, while front-end fees totalled 15 basis points. The bonds were bid at a 15 basis point discount to par issue price, the level at which co-managers own them.

The Ecu 100m issue for the European Investment Bank, also long expected, was launched yesterday by Nikko Securities. This is a Shogun deal - a non-von issue sold in Tokyo.

The 10-year issue was given a 6.75 per cent coupon and 100/4 issue price. The bonds were not trading actively in Europe, although the lead manager quoted them within the 2 per cent fees.

Bank of Hungary. The coupon was set at 7 per cent, the same as for Portugal's issue on Monday, and issue price at par.

With the D-Mark market weaker yesterday by around 4 per cent as a result of the firmer dollar, Hungary's issue got off to a slow start. It was quoted by the lead manager around the 1/4 per cent selling concession, though other traders regarded the coupon as too low for the name and said the bonds were bid well outside the 2 per cent fees.

In the sterling market, Morgan Grenfell is placing a £75m bulldog issue for the Bank of Greece. The bonds mature in 2010 and will be priced this afternoon to yield 135 basis points above the gross redemption yield on the benchmark government stock. Treasury 13% per cent 2004-68 issue price will be set close to £90, of which £30 will be payable on September 6, with the balance due on January 17 1998.

Japanese borrowers provided the interest in the Swiss franc foreign bond market yesterday. Aoki Corporation launched a two-tranche private placement led by Swiss Volksbank. The first, for SFr 50m, is convertible with a five-year life and an indicated 1 per cent coupon. The other portion, for SFr 100m, comes with equity warrants. It also matures in 1998 and the coupon is indicated at 3% per cent.

In the D-Mark bond market Deutsche Bank launched a DM 150m eight year issue for National

Ecu-dollar warrant issue launched

BY MAGGIE URRY IN LONDON

PHILIP-SALOMON, the US commodities and investment banking group, is making an issue of exchange-rate warrants giving holders the right to buy or sell Ecu/Euro currency units in exchange for dollars.

The issue is the first such deal in Ecu, although in the past Philip-Salomon has made sterling and D-Mark/dollar warrant issues.

Warrants to buy Ecu 150m (calls) and warrants to sell Ecu 150m (puts) are being offered. The warrants expire on September 2 1986 and holders can exercise them at any time up to that date. Salomon Brothers, which is arranging the issue in the Euromarkets, will make a market in the warrants.

The exercise price of the calls is \$0.7765 to Ecu 1 and for the puts is

\$0.7765. Each warrant gives the right to buy or sell Ecu 10,000. Yesterday Salomon was offering the calls at \$408.20 - giving a premium of 5.19 per cent - and the puts at \$378.90, a premium of 4.88 per cent.

The spot exchange rate at the time of fixing the prices was \$0.7850. The total value of the offering about \$12m.

SWITCH OF SALES EMPHASIS SPEEDS PROFIT RECOVERY

Atlas Copco survives pressure

BY DAVID BROWN IN STOCKHOLM

ATLAS COPCO, the Swedish industrial, mining and construction equipment group, has managed to claw its way back to respectable profitability after the worldwide recession which left many of its major international competitors reeling.

The strength of the US dollar, which shackled the likes of Ingensöftaband, Dresser Industries and Cooper Industries - coupled with a draconian rationalisation scheme - helped put the group on the road to its best-ever result this year after the sharp declines of 1982 and 1983.

The restructuring, which started in 1981, involved closure of 12 out of 48 plants and the laying off of 4,000 employees - some 20 per cent of the workforce.

It has also engineered an important shift in its sales pattern. Mining and construction equipment generated fully 65 per cent of turnover in 1978, and it was precisely these sectors which were hardest hit by the ensuing downturn.

Budget strains in the industrialised world, coupled with payments problems in developing nations, led to heavy drops in construction activity. Meanwhile, a broader trend towards lower metals consumption led to a drastic contraction of the mining industry.

The market for such equipment as portable compressors and crawler-mounted rock drills mostly disappeared. Earnings plummeted from SKr 570m (\$86m) to SKr 355m in 1982, then dropped a further SKr 100m to SKr 255m the following year.

But selective pruning plus the introduction of a number of new products in the past two years have cut Atlas Copco's dependence on these sectors by 15 per cent, rising to

Ingersoll-Rand, its major international competitor, has only been able to claw back a third of the 36 per cent volume lost during 1982-83. Its recovery last year, measured again in volume terms, was only half the 12 per cent increase noted by Atlas Copco.

The group recently reported a sharp 43 per cent rise in earnings to SKr 422m for the first half, further consolidating the gains of 1984 when earnings doubled to SKr 574m.

Beyond its steps to rationalise production, Atlas Copco has also managed to cut the relative level of its tied-up capital, despite a strong increase in invoiced sales, and has made some important shifts in its product mix.

Investment management has played an important role. Inventories came largely from this change, says Mr Tom Wachtmeister, group managing director.

At the same time, the strength of the dollar, coupled with the late 1982 devaluation of the Krona by 16 per cent, proved crucial factors for a company with 92 per cent of its sales outside Sweden.

Despite an overall contraction, it was able to maintain and in some cases significantly increase its relatively high average market share, which now range from 4 per cent in the US, to 15 per cent in Europe and 23 per cent in the developing world. It has also had notable success in penetrating potential new growth areas such as China.

Having lost some 18 per cent in volume sales during those years, Atlas Copco was able to match the downturn with an equal gain in 1984 and 1985, helped by strong investment in western Europe which generated fully half the group's total SKr 9.1bn sales last year.

In a major 1984 acquisition, it took over the gas compressors division of Linde of West Germany. A costly and controversial rationalisa-

Finance group buys stake in Pirelli unit

By James Buxton in Rome

PIRELLI and Company, the Milan-based holding company which has controlling stakes in the Pirelli cables and tyres group, announced yesterday that it is to merge with Caboto Milano Centrale, a Milan finance and property company.

The merger, under which Caboto shareholders will get nine shares in Pirelli and Company for every four Caboto shares, means that Caboto will hold just under 30 per cent of both companies.

Pirelli explained yesterday that the merger would give Pirelli and Company access to the financial services expertise of Caboto, in which Hamwicks Investment Company of Zurich, an offshoot of the London merchant bank, holds 20.7 per cent.

This Pirelli says, would enable it to raise new funds for the Pirelli group.

Pirelli denied suggestions in the Italian press that the merger was motivated in part by a desire on the part of the Pirelli family to shore up its control of Pirelli and Company in the current climate at takeovers on the Milan bourse. Montedison, the chemicals group, recently acquired control of the BI-Invest company, as a consequence of a clandestine raid on BI-Invest operators by stock exchange.

Pirelli insists that Pirelli and Company is not vulnerable to raids of this kind. Although the Pirelli family officially controls less than 7 per cent of the company, it has created a syndicate of other shareholders that together claim to control about 40 per cent of its shares.

Last week CIR, the company controlled by Sig Carlo de Benedetti, chairman of Olivetti, issued a statement denying rumours that it was seeking to take control of Pirelli and Company in this way.

Japanese borrowers provided the interest in the Swiss franc foreign bond market yesterday. Aoki Corporation launched a two-tranche private placement led by Swiss Volksbank. The first, for SFr 50m, is convertible with a five-year life and an indicated 1 per cent coupon. The other portion, for SFr 100m, comes with equity warrants. It also matures in 1998 and the coupon is indicated at 3% per cent.

In the D-Mark bond market Deutsche Bank launched a DM 150m eight year issue for National

RELAXED OWNERSHIP CONTROLS LEAD TO SCRAMBLE FOR U.S. NEWS OUTLETS

Media groups tune to takeovers

BY TERRY DODSWORTH IN NEW YORK

THE EVENING News Association, a Detroit-based newspaper and television group, was selling its stock for \$36 a share only two years ago. Last year the closely-held group made a \$13m profit.

Yet today, after a lengthy bidding war, the same stock is being bought for \$1.58 a share. The purchaser is Caboto, a Gannett Group, working in a framework which values the Evening News Association at \$71.7m.

However expensive this deal may appear, it merely reflects the high price of assets in an industry where companies are scrambling to buy whatever is available. In the past year or so, as media profits have surged ahead, takeover fever has reached a peak, driven by two underlying forces.

First, in the newspaper business proper, the big, expanding national groups such as Gannett, Times Mirror and Knight-Ridder, are intent on consolidating their grip across the country, while powerful regional groups, such as the New York Times, are moving beyond their traditional base. The New York paper is now well on its way to national distribution.

The second factor in the takeover spree is the intense interest that has been sparked in the radio and television sector by the relaxation of the regulations governing station ownership.

Most of these larger groups are already flush with cash. Their advertising revenue has been swollen by almost three years of economic recovery, and they commonly earn between 15 and 20 per cent on their equity. Their biggest collective problem is to find outlets for their excess funds.

Partly because of the expansion of the larger groups, the old family

newspaper companies, often a legacy of the pioneering days, are dying out, absorbed by professionally-managed, publicly-held concerns.

The Evening News Association is one of the old guard. It was founded in 1873, and owned largely by descendants of James E. Scripps. Another is the Des Moines Register and Tribune, one of the most highly-respected newspaper groups in the country, which agreed to be acquired this year by Tribune, owner of the Chicago Tribune and the New York Daily News. KTLA was acquired in a leveraged management buyout in 1983 by Kohlberg, Kravis Roberts, the New York investment firm, for \$245m. When the investment group sold the station to Tribune three months ago, it collected \$510m in cash.

Despite the scepticism of some industry specialists about acquisitions at these price levels, many still argue that now is an appropriate time to be aggressive. According to this school of thought, the television industry is bound to go through a shake-out as it readjusts to the new rules just written by the Federal Communications Commission and it is best to plunge in and grab a significant stake while it is still possible.

Radio stations are in Detroit, and it also has two small newspapers in California and New Jersey.

Gannett already owns six television stations and 16 radio outlets, so the acquisition of the Evening News will make it a significant player in the market, particularly with the Washington TV subsidiary in its pocket.

Tribune, however, remains the giant in television, with an overall share of the nation's television audience reckoned at 19.5 per cent after the Los Angeles acquisition.

In common with most of the other companies on the acquisition

trail, Tribune has paid highly for its expansion. The KTLA purchase is expected to dilute earnings for a year or two, and will give it a more highly-gearred balance sheet than most companies in the industry. Debt will probably rise to around 40 per cent of total capital. Analysts calculate that it has purchased the station for around 12 times operating cash flow, against a normal purchase ratio of 9 times cash flow only two years ago. Operating cash flow, or operating profits before interest, is a widely used benchmark ratio in the U.S. television industry.

Television, and to a lesser extent radio, is also the key to the Evening News agreement. The group owns five stations, one of them strategically located in the large Washington market, and the other four in the South, spread across Arizona, Oklahoma, Alabama and Texas.

Its radio stations are in Detroit, and it also has two small newspapers in California and New Jersey.

This thinking explains the most dramatic move in the sector so far - the takeover of Metromedia, a highly indebted group of six television stations, by Mr Rupert Murdoch, the Australian-born publisher, in a deal which he is privately trying to finalise. Because of that agreement, Mr Murdoch has burst onto the scene as a broadly-based communications entrepreneur, with interests, like the U.S. majors, in both newspaper and television.

Amex seeks European market for options

BY PAUL TAYLOR IN NEW YORK

THE AMERICAN Stock Exchange (Amex) has launched a major European marketing drive promoting its option instruments to overseas investors.

The focus of the European marketing effort, formally launched at the Swiss Commodities and Futures

Association conference in Biel/Bienne, Switzerland last week, are the recently introduced Amex gold options contract and the well-established Amex major market index option, one of the booming U.S. stock index options contracts.

The Swiss conference kicks off a

nine-city tour by two senior Amex executives, Mr Frank Magnani, director of international options marketing, and Mr Joseph Stefanelli, vice-president of options marketing.

The Amex launched its gold options contract amid a blaze of publicity in April this year. Like other U.S. exchanges the Amex has been actively seeking to expand overseas interest.

NEW ISSUE

These securities have been sold outside the United States of America and Japan. This announcement appears as a matter of record only.

3rd September, 1985

CHUBU ELECTRIC POWER COMPANY,
INCORPORATEDU.S. \$100,000,000
10½ per cent. Bonds 1995

Issue Price 100 per cent.

Nomura International Limited

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First Chicago Limited

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Every week, our New York analysts prepare *Bache Securities Investment Weekly*, an in-depth report on the week in the US markets.

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We also feature an earnings update on key US stocks, giving our commentary on upward or downward trends.

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This advertisement complies with the requirements of the Council of The Stock Exchange.



Bank of Greece

(Incorporated with limited liability under the laws of the Hellenic Republic)

**£75,000,000
Loan Stock 2010**

The following have agreed to subscribe or procure subscribers for the Loan Stock:

Morgan Grenfell & Co. Limited

Barclays Merchant Bank Limited
Grindlay Brandts Limited
Kleinwort, Benson Limited
Samuel Montagu & Co. Limited
Standard Chartered Merchant Bank Limited

Application has been made to the Council of The Stock Exchange of the United Kingdom and the Republic of Ireland ("The Stock Exchange") for the whole of the above Stock to be admitted to the Official List.

In accordance with the requirements of the Council of The Stock Exchange, £7,500,000 of the Stock will be available to the market on the date of publication of this advertisement. The Stock is payable as to £30 per cent, on acceptance and as to the balance not later than 17 January 1986. Interest will be payable semi-annually in arrears on 6 March and 6 September, commencing on 6 March 1986.

The Issue Yield, rate of interest and issue price will be determined as provided in the Placing Memorandum, at 3pm today.

Deals are expected to commence on Thursday 5 September 1985. Information relating to the Stock, the Bank of Greece and the Hellenic Republic will be available in the statistical services of Exel Statistical Services Limited and listing particulars may be obtained during usual business hours up to and including 18 September 1985 from:

Morgan Grenfell & Co. Limited
23 Great Winchester Street,
London EC2P 2AX

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London WC1V 7PB
and The Stock Exchange

Pemberton Boyle
30 Finsbury Circus,
London EC2P 2HB
and The Stock Exchange

Company Announcements Office
(until 6 September 1985 only),
The Stock Exchange,
Old Broad Street,
London EC2N 1HP

National Westminster Bank PLC
Stock Offices Services,
20 Old Broad Street,
London EC2N 1ED

4 September 1985

THIS ANNOUNCEMENT APPEARS AS A MATTER OF RECORD ONLY



FRANK B. HALL & CO. INC.

**1,000,000 SHARES
COMMON STOCK**

THE UNDERSIGNED HAS PURCHASED THESE SHARES IN A PRIVATE TRANSACTION AND ARRANGED THEIR SALE TO INSTITUTIONAL INVESTORS OUTSIDE THE UNITED STATES

FOX-PITT, KELTON N.V.

INTERNATIONAL COMPANIES & FINANCE

FT INTERNATIONAL BOND SERVICE

The list shows the 200 latest international bond issues for which an adequate secondary market exists. The following are closing prices for September 3.

ISIN	Issue	Change on day	Bid	Offer	day	week	Yield
STRAIGHTS							
Amer Credit 10% 90	100 197/8 198/8	+ 1/8	100	102	100	101	10%
Amer Credit 12% 89	100 185/8 186/8	+ 1/8	100	102	100	101	12.22
Amer Credit 12% 90	100 197/8 198/8	+ 1/8	100	102	100	101	12.22
Australia Com TTV 90	100 192/8 193/8	+ 1/8	100	102	100	101	12.38
Australia Com 11% 95	100 202/8 203/8	+ 1/8	100	104	100	101	12.42
Australia Com 11% 96	100 197/8 198/8	+ 1/8	100	102	100	101	12.51
Canadian Pac 10% 93	100 197/8 198/8	+ 1/8	100	102	100	101	12.52
Canadian Pac 10% 94	100 197/8 198/8	+ 1/8	100	102	100	101	12.52
Canadian Pac 10% 95	75 197/8 198/8	+ 1/8	75	102	75	76	12.53
Chevron 12% 85	600 185/8 186/8	+ 1/8	600	185/8	600	185/8	12.53
Coca Cola 11% 95	150 197/8 198/8	+ 1/8	150	197/8	150	197/8	12.54
Coca Cola 11% 96	150 197/8 198/8	+ 1/8	150	197/8	150	197/8	12.55
Danisco Kingdom 11% 95	100 192/8 193/8	+ 1/8	100	192	100	192	12.55
Danisco Kingdom 11% 96	100 192/8 193/8	+ 1/8	100	192	100	192	12.55
Danisco Kingdom 11% 97	100 192/8 193/8	+ 1/8	100	192	100	192	12.55
Danisco Kingdom 11% 98	100 192/8 193/8	+ 1/8	100	192	100	192	12.55
EBC 10% 95	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.56
EBC 10% 96	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.56
EBC 10% 97	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.56
EBC 10% 98	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.56
EBC 11% 95	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.57
EBC 11% 96	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.57
EBC 11% 97	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.57
EBC 11% 98	200 197/8 198/8	+ 1/8	200	197/8	200	197/8	12.57
Exxon Div Corp 10% 90	100 197/8 198/8	+ 1/8	100	197/8	100	197/8	12.58
Ford Motor Credit 7% 95	100 192/8 193/8	+ 1/8	100	192	100	192	12.58
Ford Motor Credit 7% 96	100 192/8 193/8	+ 1/8	100	192	100	192	12.58
Ford Motor Credit 7% 97	100 192/8 193/8	+ 1/8	100	192	100	192	12.58
Ford Motor Credit 7% 98	100 192/8 193/8	+ 1/8	100	192	100	192	12.58
Gulf Oil Corp 10% 92	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 93	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 94	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 95	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 96	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 97	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Gulf Oil Corp 10% 98	100 197/8 198/8	+ 1/8	100	197	100	197	12.59
Hill Samuel & Co. Limited	100 197/8 198/8	+ 1/8	100	197	100	197	12.60
Lloyds Merchant Bank Limited	100 197/8 198/8	+ 1/8	100	197	100	197	12.60
J. Henry Schroder Wag & Co. Limited	100 197/8 198/8	+ 1/8	100	197	100	197	12.60
S.G. Warburg & Co. Ltd.	100 197/8 198/8	+ 1/8	100	197	100	197	12.60
Deutsche Mark							
STRAIGHTS							
Alcatel 6% 94	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 95	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 96	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 97	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 98	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 99	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 00	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 01	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 02	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 03	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 04	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 05	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 06	200 197/8 198/8	+ 1/8	200	197	200	197	12.61
Alcatel 6% 07							

INTL: COMPANIES & FINANCE

Downturn for Dunlop Estates

By Wong Sulong in Kuala Lumpur
DUNLOP ESTATES, the plantation group which is now part of the Chinese-owned Multi-purpose Holdings group, has reported a 5 per cent drop in pre-tax profits to 21.8m ringgit (US\$4.8m) for the six months to June due to softer commodity prices.

Profits after tax and minorities were 15 per cent lower at 9.2m ringgit. Turnover fell by 17 per cent to 116m ringgit. The interim dividend is cut from 5 cents to 4 cents per share.

Another Malaysian publicly-listed plantation company, Negri Sembilan Oil Pte., has also reported lower 1985 first-half pre-tax earnings of 4.9m ringgit, a fall of 18 per cent. The interim dividend is cut from 10 cents to 8 cents.

Carter Holt places shares

By Our Financial Staff

CARTER HOLT, the New Zealand timber group, has raised NZ\$2.4m (US\$1.4m) to fund its recent acquisition of Alex Harmsen Industries by offering a share placement which represents 25.7 per cent of its expanded equity.

The placing was made at an average price of NZ\$2.11.

Santos to raise A\$168m by one-for-four rights

BY MICHAEL THOMPSON-NOEL IN SYDNEY

SANTOS, the big Australian oil and gas producer, has coupled a 5 per cent drop in pre-tax profits to 21.8m ringgit (US\$4.8m) for the six months to June due to softer commodity prices.

The company said yesterday it needed to discover about 5m barrels of oil a year to maintain production levels. Money raised from the rights issue will help it maintain exploration spending at a rate of A\$75m a year over the next three years.

Santos is keen to broaden its exploration thrust outside its traditional stamping ground of central Australia, where the Cooper Basin liquids scheme, in which it is a major partner, is reaching peak production.

The issue price of the new shares will be A\$3.50, a big discount on the current market price of A\$4.40. The share offer will be payable in two instalments, one before November 6, 1985, the other before May 8 next year.

The three biggest shareholders in Santos—Bridge Oil, Australian Gas Light Company, and National Mutual Life—will take up their entitlements. The new shares will qualify neither for the interim dividend (up two cents to 9 cents per share) nor the final dividend.

The company's first-half net profit of A\$64.6m compares with A\$29.5m last time. Interest expenses were sharply higher, at A\$60.7m against A\$25m, and

there were extraordinary losses of A\$6.6m partly due to the amortisation of foreign exchange losses caused by this year's sharp depreciation of the Australian dollar.

Vargas, a junior partner in the Cooper Basin oil and gas fields, saw a 34 per cent reduction in net profits to A\$4.9m (US\$3.4m) for the half year to June. Sales rose sharply, but tax was A\$7.9m against only A\$29.8m previously.

A subsidiary of Woodside Petroleum, Vargas has declared an unchanged interim dividend of 4 cents a share. It also reported an unrealised foreign exchange loss of A\$94.1m because of the depreciation of the Australian dollar.

Banco Filipino liquidation suspended

BY OUR FINANCIAL STAFF

THE PHILIPPINE Supreme Court has ordered the central bank's Monetary Board to suspend liquidation proceedings against Banco Filipino Savings and Mortgage Bank, the country's biggest savings bank.

Banco Filipino was placed under receivership in January.

Monetary Board ordered to submit findings within 30 days. The court ruling represents a significant victory for Banco Filipino in its long-running attempts to stave off liquidation. Before an array of financial difficulties in 1984, the bank had 88 branches and some 3m depositors.

Japan approves two new financial instruments

BY YOKO SHIBATA IN TOKYO

THE JAPANESE Ministry of Finance is expected to give its formal approval to two new financial instruments which will widen the range of opportunities available to investors.

The first of these is a scheme, devised jointly by the country's city (commercial) banks and securities houses, for bank loans to be granted against the collateral of approved securities, somewhat along the lines of German or Swiss practice.

Nikko Securities and Joyo Bank, based in Ibaraki, have received permission to go ahead with launching a service next Monday whereby Joyo will lend up to Y50m (\$200,000) to individual borrowers against collateral of approved securities placed in safe keeping with Nikko.

The lending rate has been set initially at 9.5 per cent, including a 1 per cent fee to Nikko for providing a loan guarantee. Within the Y50m limit, the loans can be drawn down either at the bank counter or through

a cash dispenser, while the securities company's account will be credited with a sum sufficient to cover the purchase of securities.

The second innovation, to which the MOF gave its official blessing last June, is money trusts to be offered to investors by the Japanese trust banks, with a prospective initial dividend of 5.8 per cent.

The MOF's approval of the highly liquid and relatively high-yielding money trusts is seen as a quid pro quo for the trust banks' agreement to allow nine foreign institutions to enter their business.

However, implementation of the money trusts has been delayed by vigorous lobbying on the part of regional banks, which fear a flight of funds away from their deposit accounts.

The trust banks are expected to begin marketing their money trusts in November, when many savers will begin to receive their annual bonus payments.

Sage suffers interim fall

BY JIM JONES IN JOHANNESBURG

SAGE HOLDINGS, the South African financial services and investment holding company, suffered an interim pre-tax profit decline in the six months to June 30 1985 and warns that earnings for the year as a whole are likely to be lower.

First-half pre-tax profits dropped to R12.24m (\$4.53m) from R14.28m. An increase in the attributable retained earnings of associated companies and a reduction in profits attributable to minority shareholders in subsidiaries led to an

increase to R6.43m from R5.03m in profits attributable to ordinary shareholders. In 1984 pre-tax profits were R27.49m and attributable taxed profits were R13.18m.

First-half earnings dropped to 38.42 cents a share from 55.83 cents due to an increase in the ordinary share capital following the Ned-Equity acquisition. An unfranked dividend of 10 cents per share has been declared. In 1984 earnings totalled 92.11 cents a share and a total dividend of 48 cents was declared.

This announcement appears as a matter of record only.

CCA Corrections Corporation of America

660,000 Shares
Common Stock

The undersigned arranged the private placement of these securities with United States and International Investors.

Prudential-Bache Securities

First Nashville Corporation
Eshkida Securities
General Securities Limited

August 1985

Mitsui Finance Asia Limited

U.S.\$100,000,000
Guaranteed Floating Rate Notes 1996
Unconditionally guaranteed as to payment of principal and interest by

The Mitsui Bank Limited

In accordance with the terms and conditions of the Notes, notice is hereby given that for the six month interest period from 4th September 1985 the Notes will carry a rate of interest of 8½% per annum. The relevant Interest Payment Date will be 4th March 1986. The Coupon Amount per US\$10,000 will be US\$417.93 payable against surrender of Coupon No. 4.

Hambros Bank Limited
4th September 1985

NEW ISSUE These Deposit Notes having been sold, this announcement appears as a matter of record only.

The Rural and Industries Bank of Western Australia
Licensed Deposit-Taker

A\$50,000,000

13 1/4% Deposit Notes due 1988

Guaranteed by the Government of the State of Western Australia

Merrill Lynch Capital Markets

BankAmerica Capital Markets Group

Banque Nationale de Paris

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Commerzbank

Creditanstalt—Bankverein

DG Bank

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Norddeutsche Landesbank

Swiss Bank Corporation International Limited

Westdeutsche Landesbank

Westdeutsche Landesbank

Orion Royal Bank Limited

Bank Brussel Lambert N.V.

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Genossenschaftliche Zentralbank AG Vienna

Hambros Bank Limited

Mitsubishi Finance International Limited

Nomura International Limited

J. Henry Schroder Wag & Co. Limited

Union Bank of Switzerland (Securities) Limited

Westpac Banking Corporation

August 1985

GAB Business Services, Inc.

a subsidiary of

UAL, Inc.

has been acquired by

Société Générale de Surveillance Holding S.A.

We initiated this transaction, assisted in the negotiations and acted as financial advisor to UAL, Inc.

Merrill Lynch Capital Markets

August 1985

SAB Harmon Industries, Inc.

has redeemed 51.1% of its common stock held by a subsidiary of

Wilh. Sonesson AB

We acted as financial advisor to Wilh. Sonesson AB in this transaction.

Merrill Lynch Capital Markets

August 1985

New Issue

This announcement appears as a matter of record only.



New Zealand Forest Products Finance N.V.

Incorporated with limited liability in the Netherlands Antilles

A \$ 50,000,000

13 1/4% Guaranteed Notes Due 1992

Unconditionally guaranteed by

N.Z. Forest Products Limited

Incorporated with limited liability in New Zealand

Issue Price: 100% - Interest: 13 1/4% p.a., payable annually in arrears on September 1 - Redemption: on September 1, 1992 at par Denomination: A \$ 1,000 - Listing: Luxembourg Stock Exchange

Commerzbank Aktiengesellschaft

Hambros Bank Limited

Bank Gutwille, Kurz, Bungener (Overseas) Limited

Bank Leu International Ltd.

Bank of New Zealand

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Banque Internationale à Luxembourg S.A.

Banque Nationale de Paris

Berliner Bank Aktiengesellschaft

Berliner Handels- und Frankfurter Bank

CIBC Limited

Daiwa Europe Limited

Deutsche Bank Aktiengesellschaft

Dresdner Bank Aktiengesellschaft

Genossenschaftliche Zentralbank AG Vienna

Girozentrale und Bank der österreichischen Sparkassen Aktiengesellschaft

Kidder, Peabody International Limited

Lloyds Bank International Limited

Nederlandse Credietbank N.V.

The Nikko Securities Co., (Europe) Ltd.

Orion Royal Bank Limited

J. Henry Schroder Wag & Co. Limited

Westdeutsche Landesbank Girozentrale

Westpac Banking Corporation

Wirtschafts- und Privatbank

Yamaichi International (Europe) Limited

UK COMPANY NEWS

Hanson ups stake in Bowater to 8%

By David Goodhart

Hanson Trust, the acquisitive industrial holding company, yesterday revealed an approximate 1 per cent increase in its stake in Bowater Industries, the paper group, taking its total holding to 8 per cent (7.47m ordinary shares).

When Hanson took its original 7.03 per cent stake in Bowater at the end of July there was widespread market speculation that a full bid would follow and the paper group's shares rose sharply.

Since then, however, Hanson has bid its 2.45 per cent or SCM Corporation, the New York typewriter, to chemical, conglomerate, and most analysts believe no bid for Bowater will be made until the American bid is resolved one way or another.

Nevertheless, Bowater's share price rose markedly on the news and is up 15p up at 350p, a high for the year. Hanson closed 1p up at 213p.

It is understood that Hanson bought the extra shares at the end of last week at about 320p. Mr Martin Taylor, a Hanson director, said yesterday that the stake had risen because of the situation had not changed since July. Before Hanson hit the disclosed 5 per cent level in July, the company is believed to have held about 4 per cent for some time.

Mr Mike Murray, analyst at Quilter Gordon, said: "In the long run it is likely that they will make a bid but no move is expected in the short term." He considers the first six months of next year as the most probable time for the bid regardless of the outcome with SCM.

COOPER INDUSTRIES has sold its subsidiary Henry Osborn on September 2 for £200,000 cash. Osborn is a supplier of engineering tools and machinery and in the year to January 31 1985 had a net profit of £33,000. Value of the assets disposed of at that date amounted to £34,000 after adjusting for dividends of £300,000 paid since the year end. The Cooper board believes that Osborn's trade and location do not now fit into the group structure. Sale proceeds will be applied in the reduction of bank borrowings.

Half-Yearly Statement

The premium income and new business figures of the insurance subsidiaries for the half-year ended 30 June 1985 and to 30 June 1984 are shown in brackets.

1. PREMIUM INCOME	£m	£m
Ordinary Branch	51.6	(37.3)
Industrial Branch	15.3	(14.3)
General Branch	5.2	(4.2)

2 NEW BUSINESS FIGURES

Annual Premiums	12.8	(11.2)
Single Premiums	28.1	(19.2)
Sums Assured	279.4	(279.4)

The new business figures are net of reinsurance.

It should be noted that the figures of the half-year do not necessarily provide a reliable guide to those for the full year.

London and Manchester Group plc

PSIT Property Security Investment Trust p.l.c.**PROFIT UP**

- Extracts from the statement by the Chairman, Mr. A. R. Perry.
- Profit before tax rose from £4.0 million to £4.7 million.
- Net asset value £1.85 per share.
- Developments at Basingstoke, Gravesend and in Belgium.
- New retail properties acquired at Leeds and Dundee.
- Acquisition to enlarge Rugby industrial estate.
- Work commenced at Motherwell and Basingstoke.
- Dividend increased to 2.5p per share.
- Scrip issue of 1 for 5 ordinary shares.

Results for the year ended 31st March 1985

	£'000s	1985	1984	1983
Rents receivable	6,816	6,097	5,613	
Net property income	5,819	5,369	4,904	
Profit before tax	4,729	4,044	3,108	
Ordinary dividend per share	2.5p	2.25p	1.8p	
Share Capital and reserves	95,824	87,346	73,170	

Copies of the complete Report and Accounts may be obtained from the Secretary, W. H. Staniford & Co., 1 Love Lane, London EC2V 7JJ. The set accounts have been, or will be, filed with the Registrar of Companies and registered on the General Register except for a possible tax charge should any proposed or investments be made in excess of cost.

Hawker sells Fenner stake to U.S. electrical group

Arnold Wall, chairman of Hawker Siddeley

Hawker Siddeley is selling its 25.3 per cent stake in F. W. Fenner to Emerson Electric, the U.S. electrical group. The stake was acquired during Hawker's unsuccessful takeover bid for the Hull engineering group last year.

St Louis-based Emerson says it considers the holding a "long-term trade investment and has no present intention of making a takeover offer for Fenner".

It has given an undertaking that it will not make any offer before December 31 1987 in the absence of a recommendation by the Fenner board or an offer for Fenner from another party.

The deal ends uncertainty about Fenner's immediate future, which had been market speculation that Hawker, whose bid lapsed in August last year, might bid again.

Under the takeover code, it would be free to do so 12 months after the failure of its offer.

Mr Peter Barker, Fenner's chairman, said last night: "We are delighted. It gives us a very

Charlie Browns buys three retail outlets

BY FRANK KANE

THE PROPOSED merger of Charterhouse and Saxon Petroleum Corporation, the vehicle formed to effect the merger, would declare the 25.4 per cent stake in Saxon Petroleum from Saxon Oil reached 50 per cent. This was seen as an attempt to sway hesitant Saxon Oil shareholders in the event of a cliff-hanging vote.

On yesterday, 58.13 per cent of Saxon shareholders, who also have on the table a reluctantly-recommended £121m bid from Enterprise Oil, had accepted the merger terms. This is a slight increase of the previous level of acceptances but does not take into account withdrawals.

Yesterday was the date from which withdrawals became effective. It seemed certain that many Saxon shareholders would withdraw and leave their final decision on the Enterprise bid until the last minute, possibly in the hope of another company topping the Enterprise offer.

It was also announced yesterday that Saxon Petroleum Corporation, the vehicle formed to effect the merger, would declare the 25.4 per cent stake in Saxon Petroleum from Saxon Oil reached 50 per cent. This was seen as an attempt to sway hesitant Saxon Oil shareholders in the event of a cliff-hanging vote.

On the Charterhouse side, where 78.34 per cent of shareholders have accepted the merger terms, it is believed that the deal will become unconditional only if the Saxon Oil offer does.

There was no hint last night from other camp as to how many previously accepting Saxon shareholders would change their minds but the number is likely to be considerable.

The merger offer has been extended until September 10.

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Bluemel suspended as Aitken quits

By Charles Batchelor

MR RONNIEAITKEN, chairman for the past two years of Bluemel Bros, the Coventry cycle and motor accessories group, has resigned as a director, the company announced yesterday.

Emerson, which spans a broad range of industrial and domestic electrical products, had net earnings in its year to September of \$345m on turnover of \$4170m.

Hawker is selling its 7.70m shares at a price of 150p a share, well above Fenner's unchanged closing price last night of 121p a share. Asked why it had decided to sell, Hawker said: "The price was just right."

Hawker, which will receive \$11.68m from the sale, is

Fenner's profits recovered strongly in 1984 and three years of costly rationalisation. But it was hit hard by last year's miners' strike and in June turned in half year pre-tax figures some 69 per cent down, at £645,000.

Mr Sidney Kite, another Bluemel director, has also resigned. Both resignations took effect on Monday. Mr Eian Sedgwick, a partner in a Birmingham solicitors' firm, has been appointed non-executive chairman. This "paves the way for positive steps to be taken to further rationalise" Bluemel, he said.

Mr Aitken, who has acted as "company doctor" at several companies, joined Bluemel as part of a rescue package put together in February 1983 by the company and Hammond International, an investment company incorporated in Liberia and resident in the Isle of Man.

The package involved a three-fold right issue to raise \$622,000, the replacement of four of its six directors and an agreement with Jenks & Cartell, a garden and hand-tools maker, where Mr Aitken is chairman, to provide management expertise.

A year later the company wrote down part of its issued capital from 25p to 10p shares, reducing the total capital from £1.25m to £600,000.

Apart from the capital reconstruction it has ceased making injection moulded steering wheels and also motor vehicle registration plates. In July 1984 it agreed to pay £1.5m for Rosa Kitching Group, an importer of cycle accessories.

Bluemel has not made a pre-tax profit since the year ended September 1980.

Would you really want to recruit a Finance Director who doesn't read the FT?

Does it surprise you that the FT reaches more Department Heads in the UK whose main responsibility is for finance than any other quality national newspaper?

It shouldn't

Sime Darby

Sime Darby Group

HIGHLIGHTS OF PRELIMINARY ANNOUNCEMENT OF THE RESULTS FOR THE YEAR ENDED 30TH JUNE 1985

SUMMARY OF CONSOLIDATED RESULTS

	1985 M\$ MILLION	1984 M\$ MILLION
PROFIT BEFORE TAXATION	210.7	214.3
PROFIT AFTER TAXATION	112.3	121.9
EARNINGS	86.5	84.8
EXTRAORDINARY PROFITS	23.5	22.2
GROUP PROFIT ATTRIBUTABLE TO SIME DARBY BERHAD	110.0	107.0
M. Sen	M. Sen	
EARNINGS PER SHARE	10.1	10.8
DIVIDENDS PER SHARE - NET	8.0	6.5

NOTICE OF REDEMPTION

GULF OIL FINANCE N.V.

12 1/4% Guaranteed Notes Due October 1, 1987

NOTICE IS HEREBY GIVEN that pursuant to the Fiscal and Paying Agency Agreement dated as of October 1, 1983 among Gulf Oil Finance N.V. (the "Company"), Gulf Oil Corporation (a Trustee) (the "U.S. Trustee") and Morgan Guaranty Trust Company of New York as Fiscal Agent and Paying Agent, under which the Company issued its 12 1/4% Guaranteed Notes Due October 1, 1987 (the "Notes"), and the Notes, the Company has elected to and shall redeem on October 1, 1985 (the "Redemption Date") all of the outstanding Notes at a redemption price of 101% of the principal amount thereof (the "Redemption Price"), being the amount of \$1,010 for each \$1,000 principal amount of Notes. The Notes shall become due and payable on the Redemption Date at the Redemption Price which shall be paid upon presentation and surrender of the Notes together with all coupons thereto pertaining maturing after the Redemption Date at the offices of the paying agents listed below. The coupons for interest due on or before October 1, 1985 should be detached and should be collected in the usual manner. The Notes will no longer be outstanding after the Redemption Date and interest on the Notes will cease to accrue from and after the Redemption Date and the coupons for such interest shall be void. Payments at the office of any paying agent outside of the United States will be made by United States dollar check drawn on, or transfer to a United States dollar account with a bank in the Borough of Manhattan, City and State of New York. Any payment made by transfer to an account maintained by the paying agent with a bank in the United States may be subject to reporting to the United States Internal Revenue Service ("IRS") and to backup withholding at a rate of 20% if payees not recognized as exempt persons fail to provide the paying agent with an executed IRS Form W-9, certifying under penalties of perjury that the payee is not a United States person or an executed IRS Form W-9, certifying under penalties of perjury the payee's taxpayer identification number (employer identification number or social security number), as appropriate. Those holding notes required to provide their own taxpayer identification number on IRS Form W-9 and who fail to do so, may also be subject to a penalty of \$50. Please therefore provide the appropriate certification when presenting your securities for payment.

PAYING AGENTS

Morgan Guaranty Trust Company of New York P. O. Box 161 Morgan House 1 Angel Court London EC2R 7AE England	Morgan Guaranty Trust Company of New York 14 Place Vendome 75001 Paris, France
	Banque Internationale à Luxembourg S.A. 2 Boulevard Royal Bte Postale 2205 Luxembourg, Luxembourg
	Morgan Bank Nederland NV 12 Tesselhofstraat P. O. Box 154 Amsterdam, Z, Holland
	Swiss Bank Corporation Aeschenvorstadt No. 1 CH-4002 Basle, Switzerland
	By: Morgan Guaranty Trust Company of New York, Fiscal Agent

August 19, 1985

This advertisement is issued in compliance with the requirements of the Council of The Stock Exchange

MEMORY COMPUTER plc

(Incorporated in the Republic of Ireland)

Registration No. 83754

Issue of 1,080,000 7.8% Convertible Cumulative Redemovable Preference Shares 1994/1998 of IR£1 each at par

Application has been made to The Council of The Stock Exchange for the grant of permission to deal in the Preference Shares in the Unlisted Securities Market. The preference shares have been placed by Simon & Coates and it is expected that dealings will commence on Thursday, 12th September, 1985.

Particulars of the Preference Shares are available in the statistical services of Excel Statistical Services Limited and copies of such particulars may be obtained during normal business hours on any weekday (Saturdays excepted) up to and including Friday, 20th September, 1985.

Simon & Coates, 1 London Wall Buildings, London EC2M 5PT

Brammer up 21% and £12m still the target

THE RESULTS for Coloroll, wallpaper and home furnishings manufacturer, were slightly ahead of the estimates given at the time of its obtaining a listing in May this year. The company, based in Nelson, Lancashire, reported trading profits of £2.81m on turnover of £27.37m in the year to the end of March compared with forecasts of £2.75m on £27.5m.

Mr. S. Oxford, chairman, said the improvement is due to a larger-than-forecast contribution from Walimex, its U.S. investment which has been included in an equity accounting basis. The directors would have been pleased, but for a £1.00 loss in Australia, the costs of moving into the U.S. and an abortive venture into DIY security alarms in this country, which cost £200,000.

The chairman adds, however, that the group will be looking forward of 8% per cent on the previous year. The main factors were the first contribution from Walimex and a substantial reduction in the Australian start-up and trading losses.

The directors have produced pro forma results to reflect the changes in its structure during the past year when it increased its stake in EDC Industries, the Walimex com-

pany, from 49.7% per cent to 50.5% per cent and the raising of £2.7m by a share issue.

They reveal profits of £2.26m on turnover of £28.86m. At the time of the flotation the company was predicting profits of £2.2m to £2.3m.

Pro forma attributable earnings came out at £2.07m, equivalent to 11.3p per 10p share.

Mr. Oxford says that in the

first quarter of the present year

turnover and pre-tax profits were in line with budgeted levels and ahead of the previous year.

The integration of Walimex within the group is proceeding according to plan, with the implementation of a computerised systems and financial control programme to bring the U.S. company up to the rigorous standards applicable in the UK.

"Trading conditions in the

Coloroll meets profits forecasts



Mr John Ashcroft, chief executive and deputy chairman of Coloroll

U.S. remain buoyant with recent movements in the dollar against sterling having been fully anticipated in the group's budget for the current year," he adds.

The board is confident that the company will continue to make good progress during the remainder of the year.

Coloroll's main market by choice is for sale 13.5m shares, 49.7 per cent of the equity, at 12.5p, valuing the group at £26.5m. The offer was oversubscribed 20 times but the share price quickly slipped. Yesterday the price rose 3p to 12.5p on the announcement but fell back to close at 11.7p.

The money was used to increase its holding in EDC and also to reduce borrowings which had been built up to finance the buying of the earlier stake in the U.S. company.

Coloroll employs more than 800 people in the U.K., U.S. and Australia. The main business is producing wallpaper for large customers such as D.I.Y. chains. It also supplies co-ordinated wallpapers and furnishing fabrics under brand names such as Pretty Chic and Dolly Mixture. In addition its home packaging factory is making plastic bags for supermarkets and other customers.

Kalms receives 72% pay rise

MR STANLEY KALMS of Diksons has become one of the UK's highest paid chairmen following a near 72 per cent increase in his salary to from £12,263 to £20,324.

Under his leadership, Diksons successfully won its vigorous contest for control of Currys which has made it one of the largest retailers in the UK.

Group taxable profits in 1984-85 were £1.2m, up from £1.02m in 1983-84.

Diksons' annual report, which contains the details of the pay award, also gives details of the group's post acquisition policy.

"Diksons will continue to concentrate on high-tech electronic products, micro-computers and other sophisticated entertainment products sold from prime, and increasingly, larger High Street stores," says Mr Kalms in his accompanying statement.

Currys range, he says, is white

goods and small appliance

orientated, with a strong presence in family style brown

goods. It has a "clearly defined

market position and extensive

catalogue" both in High Street

and suburban shopping centres.

Powder City (formerly Bridgeman) is the third chain and covers the edge and out-of-town

sector selling both white and brown goods from shopping units of around 10,000 sq ft.

These three chains have

distinctive market approaches,

Since the acquisition, Diksons

has been examining and

modernising many aspects of

Currys' business. Elsewhere, the chairman envisages substantial

growth, particularly in electronic

and optical equipment and

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APPOINTMENTS

Valin Pollen managing director

VALIN POLLEN has appointed Mr John Dembitz its managing director and he will be joining the company on October 1. Mr Dembitz, 40, has been a merchant banker with the Charterhouse Group for the last two years and, in addition to undertaking a wide range of assignments for the bank's corporate clients, he has been responsible for its advertising, marketing and PR activities. Mr Dembitz will take over from Mr Pollen on November 1. On that date, Mr Pollen will become chief executive of VPL with overall responsibility for the company's future development. Mr Ross Will will continue as executive chairman. This strengthenning of VPL's senior management team will enable Mr Augie Maitland to cease to be deputy managing director of VPL and to increase his strategic planning and development responsibilities for the group. He will remain on the VPL board, and Mr Neil Hedges will continue as VPL's assistant managing director.

THE BANK OF SCOTLAND has appointed Mr Peter Benzie to be a manager at the London chief office. He was previously a manager at the Reform Street, Dundee office.

Mr Hans Gander has been appointed first vice-president of SWISS BANK CORPORATION, London. Mr Gander will head up SBC's substantial London foreign



Mr John Dembitz, managing director of Valin Pollen

exchange and liability management operations. He was formerly in charge of the cash and liability management division at SBC's head office in Basle.

Mr Geoff Hancock has been appointed managing director of EXPRESS FOODS, a division of Express Dairy UK and part of Grand Metropolitan. He joins Express Foods from Cadbury Typhoo where he was executive director of the Cadbury Typhoo Tea Business Centre.

Mr Robert Jenkins has become managing director and chief executive of TOTAL OIL GREAT BRITAIN. He succeeds Mr Tom

Hartree who has been appointed chairman until his forthcoming retirement. Mr Jenkins was director of marketing and refining for Europe at the parent company in Paris, Total Compagnie Francaise des Petroles.

Mr Trevor Kitchen has been appointed to the board of JOHN GLADSTONE AND CO. He has been joint managing director of J. and J. Crozier since 1974 and is a past director of the Austin Rover in the UK fleet.

Mr Peter Kendall has been appointed a director of HORWATH & HORWATH (UK), a member of Horwath & Horwath International.

Mr David Walker-Smith has been appointed a director of MANUFACTURERS HANOVER as an executive director. He previously worked for Samuel Montagu, where he was an assistant director.

Mr Peter L. A. Neekes has been appointed executive director responsible for the newly created syndicate department at CIBC. Mr Donald S. Reid and Mr James E. D. Buchanan have been appointed executive directors in CIBC's North American marketing group.

IMPERIAL BREWING & LIQUORISATION GROUP, based in London, has appointed Mr Bob Ellett as director of business development. He comes from the board of Imperial Leisure & Retailing where he was served as director of supplies and services.

Mr Harry Hornsby, director-general of the Process Plant Association, has additionally been appointed director-general of COMET (COUNCIL OF

traders for the project. Work involves installation of a gas or oil-fired boiler plant with external high pressure heating mains throughout the complex, which extends over approximately 5 acres. Some 48 miles of piping is involved. An early detection system will be incorporated to give alarm if leakage should occur. The contract is scheduled for completion in October 1986.

A £200,000 contract has been secured by IGC TECHSYSTEMS, a new member of the IGC Group of Caenham, Portsmouth. Placed by the Gulf Paper Manufacturing Co of Kuwait, it calls for the design and supply of a total turnkey package, to control weight and moisture on an existing tissue paper making machine. It will include process, data control systems, dryer control, Vutec management information and control and control/shrunk film. Delivery of all units is scheduled for early 1986.

SULMER 2000 (UK) has been awarded a firm contract for installation of a heating system at the Central Ordnance Depot in Donnington, Shropshire, for the Property Services Agency. The contract was awarded by Tarmac Construction, main con-

tractors for the project. Work involves installation of a gas or oil-fired boiler plant with external high pressure heating mains throughout the complex, which extends over approximately 5 acres. Some 48 miles of piping is involved. An early detection system will be incorporated to give alarm if leakage should occur. The contract is scheduled for completion in October 1986.

MATHER & PLATT, rotating machinery division, has received an order from the main oil and booster pumps on the Shell/Basso Tern platform in the UK sector of the North Sea. Placed by Shell UK Exploration & Production, the contract is worth around £700,000 and covers the supply of six pumps comprising three pump sets in each unit with associated driven in-line oil modules and control and instrumentation modules. Delivery of all units is

scheduled for early 1986.

JOHNE & REILHOFER (UK) has secured an order worth £100,000 to install a data acquisition system for Austin Rover's new

graphical display of production, engineering and operational data. It will interface between the sensors and DEC-12 digital process controllers to automatically adjust the various control systems. The contract is for completion during 1986.

APOLLO COMPUTER (UK) manufacturer of DOMAIN, has received an order from the CAD-CAM Centre in Middlesbrough. Worth 150,000, the order supplements an existing Apollo DOMAIN installation. The Apollo network will consist of four DN320 and two DN320, local bus and fast-page workstations, with high performance monochrome graphics, plus one DN440 with integral floating point hardware for more advanced computational and graphics performance.

CONTRACTS

£5m projects for Rotary

THE ROTARY GROUP has been awarded mechanical and electrical contracts valued in excess of £5m. They include the Glaxo chemical project at Ashton under Lyne, £2m; British Marine Stores, Belgrave, £1.5m; Marconi Oil Rig accommodation module for Redpath Offshore, £285,000; Victoria and Albert Museum, £275,000, and the extension to the British Embassy in Paris.

ZASTAVA (GB) has won an order worth 200,000 for supply components to 11,000 Yacht boats assembled in Egypt on behalf of the manufacturer, Zavodi Crvena Zastava. The parts are cosmetic "extras" and are all sourced and manufactured in the UK.

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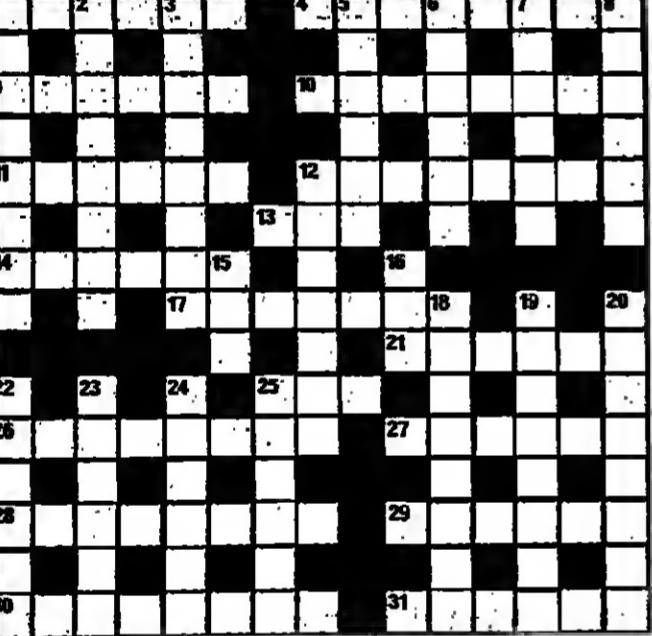
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F.T. CROSSWORD PUZZLE No. 5,812.



ACROSS

- 1 Literary ape (6)
- 4 Precise account by churchman (8)
- 5 Muddled: tot took van (6)
- 6 Equine control order on a long time (8)
- 11 Give academic toe-fight? (6)
- 12 Set off for school around a certain time (8)
- 13 For each traveller's return (8)
- 14 Sublime part of year (8)
- 17 Pertaining to movement of cattle round about it (7)
- 21 Gross river-bird (6)
- 22 Last year's pen-holder (8)
- 26 Tips making headlines for senior citizens? (8)
- 27 Break of communication through psychological difficulty (4,2)
- 28 Talk idly about re-production in harringe (8)
- 29 Mindless able to prognosticate? (6)
- 30 Electromechanical process always used in first season (8)
- 31 King's daughter turning round to see wild ass (6)
- 32 DOWN
- 1 Paper-keeper (8)
- 2 Jeeding may be hurtful when no longer young (8)
- 3 Imposse too heavy a burden! It's open to question (8)
- 5 Put into difficult position by monopoly (6)

Solution to Puzzle No. 5,811

PUZZLES

1. LITERARY SIGHTING
2. OVERCAST SIGHTING
3. GINGER PICTURE
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SOLUTION TO PUZZLE NO. 5,811

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AUTHORISED UNIT TRUSTS & INSURANCES

INSURANCE, OVERSEAS & MONEY FUNDS

Royal Trust International Fd. Mgmt. Ltd.(a)	0334-27441	S.C. Warburg & Co. Ltd. and subsidiaries	01 280 2222
PO Box 194, St. Helier, Jersey		33, King William St EC4R 9AS.	01-280 52
Swing Fund 1 Fe	50.91%	100.92	-0.00
International Series	51.30%	1.36%	0.02
International Fund	50.67%	0.53%	F20/21
Proprietary Aug 28 Nov 28/29 Sept 4			
SCUTEN S.A.			
2 Boulevard Royal, Luxembourg			
SC-Trust Mav	510.00		
Sax & Prentiss International			
PO Box 73, St. Helier, Jersey			
Fixed Interest Funds			
Scandinavian Bd	DM111.15 11.77%	+0.01	4.67
Dov 7% eq	59.98	8.64	-0.01
Sz Fixed	111.7	11.87%	-0.01
Vre Bond	11.30%	+1.2	2.82
Equity Funds			
Global Portfolio Fd	55.08	5.50%	+0.00
U.S. Growth	218.8	10.00%	1.25
U.S. Income	100.80	10.45%	-0.10
For Europe	57.93	24.90%	-0.36
North American	58.91	9.17%	-0.05
Gold	110.61	0.73%	0.31
Japan	54.73	9.51%	+0.04
Balanced Fund 1/4 Nav	510.13	+0.00	-
MutualFunds.com Reserve Fund			
U.S. S	100		2.11
9 Month	100.00		-0.03
12 Months	100		10.97
Vre	100.00		1.55
Special Fund			
Swing Decem	100.0	20.70%	-0.21
Only proprietary SWARO			
Scandinavian Bd. Fd Mgmt Ltd			
P.O. Box 1948, Grand'Champe, B. d'Ht			
SMI Int'l Inv Fd			
Int'l Equity Fd	51.02	1.07	+0.01
Int'l TRUST & Bond Fd	1.04	+0.04	-
Schroder Mgmt Services (Jersey) Ltd			
PO Box 195, St. Helier, Jersey			
Schroder Money Funds Ltd.			
Corporation	119.0467		10.70
U.S. S	551.3031		1.12
3-Month	100.0113		4.16
Swiss Franc	57.04.0002		0.00
Vre	11.718.76		0.24
J. Henry Schroder Waggs & Co. Ltd.			
120, Charing Cross, EC2			
Am to July 28	528.10		0.48
Asian 1/2 Year Fund 2	529.00		2.73
Corporate Avg 28	511.07		2.71
Dividend Avg 28	494.41	4.78	+0.01
Japan Fund Avg 28	538.10	20.00	0.30
Prudential Fund July 31	517.30	18.45	-0.01
Swiss & Trdng Co	521.90		
Schroder Unit Trust Mgmt. Fd. Ltd.			
Box 273 St. Peter Port, Guernsey			
Unit Convexity	162.0	307.9	2.3
1 Fund Interest	162.0	276.0	1.7
1 Leader	181.0	196.0	0.1
30 Month Interest	31.0070	1.1000	-0.001
3.1 Month Interest	1.2700	1.2700	-
Money Market Fund	100.0070	100.0000	-0.0147
Schroder International Equities Fund Ltd.			
American Fd	1.134	1.257	0.82
American Smaller Cos	1.070	1.046	0.04
Australian Fd	12.0	77.0	1.00
British Fund	110.05	110.0	0.70
French Fund	16.5	17.7	0.70
Hong Kong Fund	101.2	110.3	2.79
International Fund	102.0	48.0	1.77
Japanese Fund	100.0	101.0	0.00
Swiss Fund	10.4	10.05	0.05
Swiss & Multinat'l Fund	17.0	17.0	0.00
Dollar Fund Interest	1.012	1.114	0.05
Swiss Fund Int	1.000	100.0	0.00
Deutschmark Fund	1.055	1.055	0.00
Swiss Franc Fund	1.000	1.000	0.00
Vre Currency	100.2	100.7	0.5
Managed Currency	100.0	100.0	0.00
Other Reserve Fund	31.02	31.02	0.00
Schroder Life Assurance Ltd. Ltd.			
London County Life Fd	561.5	212.7	-
1 Policyholders Fund	560.0	200.0	-
1 Property Fund	560.0	200.0	-
1 Fixed Int. Life Fd	560.0	198.0	-
5 Fixed Int. Life Fd	560.0	198.0	-
5 Leader Life Fd	577.1	198.0	-
1 Managed Life Fd	511.8	191.0	-
1 Prudential Fund	560.0	198.0	-
1 Prudential Fund Int	560.0	198.0	-
S.C. Warburg & Co. Ltd. and subsidiaries			
33, King William St EC4R 9AS.			
Invest Seru 2nd	519.15	19.37	0.00
Swed Fund Aug 28	515.50	12.50	-
Swed Fund Aug 27	515.50	12.50	-
SEB 1 Broad Street, St. Helier, Jersey			
Mon, Tues, Thurs 10	518.75	12.50	-
Mon, Tues Aug 10	518.75	12.50	-
Mon, Tues Aug 11	511.00	12.50	-
Mon, Tues, Wed Aug 12	523.75	12.50	-
Monetary Fd Eastgate Trust Ltd			
Japan Fund Aug 28	512.10	20.31	-
Monetary Fund Aug 28	512.10	20.31	-
Monetary Money Market Trust Ltd (et)			
1 Managed	519.14	6.50	-
U.S. S Managed	518.11	19.20	+0.12
C Sterling	517.00	12.50	-
Swed Fund	516.00	12.50	-
Vre	515.50	12.50	-
Data Center	511.50	12.50	-
Swiss Franc	517.00	12.50	-
For further details please contact 0334-162123			
5 Thomas St., Bishopsgate, City of London			
Mon-Fri 10-1600	511.16	6.50	+0.12
Mon-Fri Bank	511.13	6.50	+0.12
Waddington Fund Managers (Jersey) Ltd.			
16 St. Bldg, Grosvenor St, St. Helier			
Waddington Gf Fund	500.00	104.00	-10.10
Wardsley Investment Services Ltd.			
4th Floor, Hyatt Regency Hotel, Hong Kong			
Wardsley Trust	516.11	6.50	-0.07
Wardsley Banking Fd	515.12	6.50	-0.05
Wardsley Bond Fund	511.20	11.50	-0.15
Wardsley Japan Fund	514.49	11.50	-0.15
Wardsley Pm Cap Fund	511.57	12.50	-0.12
Westavon Secs. (Germany) Ltd			
Borsigstr. 10, St. Peter Port, Germany			
St. G. & Goss Fd	511.71	1.70	5.30
US S & Options	511.50	1.00	-
High Income	506.8	101.00	15.20
International Growth	511.00	44.00	5.50
Japan Fund	511.21	44.00	5.50
World Fund S.A.			
2 Boulevard Royal, Luxembourg			
World Fund Mav	511.82		-
World Wide Growth Management			
102, Boulevard Royal, Luxembourg			
Wardwells Gf Fd	513.35		-0.00
By Appt. 16 & 16 Gt. Marl. Rd., Ldn, London			
Yamazaki Dynamic Mgmt Co SA			
106 Boulevard Royal, Luxembourg			
Advanced 2nd Fd	50.70		-5.00
Dynamic Corp Fd	50.20		-5.00
Money Market Trust Funds			
Gross Net			
The Charities Deposit Fund			
11 London Wall, London EC2N 1DD			
General	511.50	1.50	-3.00
The Money Market Trust			
63-65 Victoria St, EC4M 4ST			
Cap Fd	511.67	8.75	12.95
7-10s Fd	511.61	8.75	12.95
Money Mkt. Acc.	511.25	8.40	12.40
Oppenheimer Money Management Ltd.			
66 Cannon St, EC4N 6AE			
Cap Fund	511.45	8.50	12.00
Dow Fund	511.50	8.50	12.00
Dollar Fund	511.50	8.50	12.00
Money Mkt. Acc.	511.25	8.40	12.40

Money Market Trust Funds

52	The Charlton Deposit Point 11 London Way, London EC4N 1DB	01-588 1815
53	Dealers	1-15% 1-4-3-400
54		
55	The Money Market Trust	
56	63 On Victoria St, EC4A 4ST	01-236 0952
57	Cash Fed	11.67 8.7% 12.00 6.6%
58	7-day Fund	11.61 8.7% 12.00 6.6%
59		
60	Oppenheimer Money Management Ltd	
61	66 Cannon St, EC4N 6AE	01-236 1475
62	Cash Fed	11.45 8.8% 11.40 6.6%
63	7-day Fund	11.99 8.8% 11.70 6.6%
64	Dealers	F.D.O. 8.8% 11.40 6.6%
65	Money Mkt. Acc.	11.29 8.8% 12.00 5.6%

Money Market Bank Accounts

		Firms	NM	CAP	Ref
-	Ajman & Co. plc				
	22 Charlotte St, Edinburgh, EH2 4DF		011-225 8484		
	Fast Service Car Mkt	11.75	8.00	11.93	
	Alister Horne				
	30 City Road, EC1Y 2AY		01-638 6070		
	Treasury Acc.	11.15	8.51	12.10	97
	Mort Inv Acc.	11.25	8.51	12.08	97
	Bank of Scotland				
	38 Thistlefield St, EC2P 2EN		01-639 8062		
	Money Inv Divid Acc.	10.35	8.15	12.01	97
	Barclays Prime Account				
	P.O. Box 123, Nottingham		0604 252991		
	Hgts Inv Cheque.....	11.10	8.49	12.32	97
000	Britannia Investment Services Ltd.				
000	29 Finsbury Circus, EC2M 5QL		01-588 2777		
	Cash Accm	11.13	8.32	13.34	98
	Charterhouse Japlet plc				
	1 Paternoster Row, EC4M 7DN		01-248 3999		
	Sharing.....	11.13	8.29	12.34	98
	U.S. Dolar.....	12.25	8.29	7.93	98
	German Mark.....	11.75	8.29	2.95	98
	Swiss Franc.....	12.00	8.29	1.25	98
	Japanese Yen.....	5.00	8.00	3.12	98
	Citibank Savings				
	St Martin's Lane, Hammersmith Green		01-748 9251		
	Savings Plan.....	9.00	8.30	13.30	97
	Co-operative Bank Cheque & Save				
	78-80 Cornhill EC3 01-626 6543				
	£500 £2,500	10.30	7.10	10.41	97
	£2,500+	10.50	8.97	13.20	97
	Bartlebaud & Co Ltd				
	Dartington, Totnes, Devon TQ9 1JE		0803 862272		
	Money Inv Acc.....	11.00	8.21	12.21	97
	Edward Manser & Co Ltd				
	9 Henrietta Place W1 3JG		01-631 3313		
	Dividend Accm.....	11.50	8.39	12.98	97
	Henderson/Bank of Scotland				
	38 Thistlefield St EC2P 2EH		01-628 9840		
	Money Inv Divid Acc.	10.85	8.11	12.01	98
	Lloyds' Bank PLC				
	71 Lombard St, London EC3P 3BS		01-626 1500		
	Highlife/Credit Acc.	11.25	8.25	12.10	97
	Lombard North Central PLC				
	17 Bryton St, W1A 3DN		01-409 3434		
	14-Div Notice.....	11.50	8.59	12.20	97
	M & G Chelmsford Bescor				
	93-99 New London Rd, Chelmsford		0245 51651		
	R.I.C.A.	11.125	8.31	12.35	98
	Midland Bank plc				
	P.O. Box 2, Sheffield		0742 20991 Ext 6555		
	High Inv Day Acc.	10.70	8.00	11.72	97
	£10,000+	11.17	8.35	12.47	97
	Provincial Trust (Formerly Chelmsford)				
	30 Albany Rd, Altringham, Cumbria		061-928 9011		
	Current Acc.	11.50	8.40	13.00	98
	Royal Bank of Scotland plc				
	24 London St, EC3V 9RA		031-557 0201		
	Prepaid Account.....	11.10	8.23	12.21	97
	Save & Prosper/Robert Fleming				
	28 Western Rd, Romford RM1 3LZ		0700 664966		
	H I S A.	10.83	8.10	+12.01	98
	Tynwald & Co				
	29-33 Princess Victoria St, Bristol		0272 732241		
	Demand Acc.....	11.76	8.45	12.98	97
	Money Acc.	11.37	8.30	12.70	97
	J. Henry Schroder Waggs & Co Ltd				
	Enterprise House, Portman		0705 627731		
	Special Acc.	11.25	8.40	12.65	98
	Over £10,000+	11.50	8.60	13.00	98
	Western Trust & Savings Limited				
	The Monocentre, Plymouth PL1 1EE		0752 261441		
	Highlife Cmpt Acc.	01-81	8.89	13.04	97

OPTIONS

3-month		Call Rates
Industrialists	P	Marks & Spencer
Alfred-Lyons	24	Midland Bk
BAT	22	Nat West Bk
BOC Grls	25	P & O Old
BSR	26	Plessey
BTR	52	Pony Peck
Sabco	24	Racial Elect
Barclays	48	RHM
British	32	Rank Org Ord
Blue Circle	45	Reed Inst
Boss	15	Scars
Sawyers	20	E
Brit Aerospace	33	T1
Brit. Telecom	11	Traco
Brown C.J.	3	7/8m EAU
Burton Ord	37	Trust Homes
Cadburys	14	Vernon Neust
Charter Coms	18	Unilever
Comm Union	19	Unders
Courtaulds	22	
Databanks	17	Property
Detolexians	28	Brit Land
Distillers	28	Cap Computer
FNFC	8 ^{1/2}	Lead Ser
Gen Accident	45	MEPC
Gen Electric	17	Peechey
Glass	85	Samuel Props
Grand Met	25	Sks
GUS 'A'	68	Smgs, Oil & Min
Guardians	50	Stirl Petroleum
GKN	17	Sumash Oil
Hanson Pl.	17 ^{1/2}	Quartermill
Hawker Sidde	34	Pirelli
ICI	60	Shell
"Imps"	18	Thermonet
Jaguar	28	Ukrainer
Ladbrokes	24	
Legal & Gen	50	Mines
Life Service	28	Coms Gold
Lloyds Bank	45	London
Lucas Inds	25	Rio T Zico

COMMODITIES AND AGRICULTURE

Jim Jones questions just how dependent the West is on South African supplies

Putting Pretoria's mineral power in perspective

SOUTH AFRICA'S champions regularly claim that the West dare not relinquish support for Pretoria because the industrialised nations depend too heavily on minerals from the tip of Africa. The trouble with this argument is that it begins some important questions—can alternative sources be found quickly, and if not, does it really matter?

South Africa's mineral production is unlikely to cease whether or not the Western nations continue to support the present white Government and whether or not the white Government is replaced by its antithesis, a black Marxist regime. Furthermore, under any government the only realistic markets for the South African minerals are, and will remain, in the West.

Short term supply disruptions due to labour strikes or sabotage are probably more likely than a long term interruption for the present, however, labour disturbances are likely to be confined to the country's gold and coal mines on which the black National Union of Mineworkers (NUM) is concentrating its recruiting campaign.

As a result it is difficult to envisage how mine work stoppages would rest in the medium term for the industrialised nations, even though South Africa has most of the world's resources of a number of minerals and is a leading exporter. Bald statistics tend to obscure reality as the world simply does not want or need specific metals in the quantities South Africa would like to supply.

Disruption of South African supplies of two metals, however,

SOUTH AFRICAN MINERALS

RESERVES

	Total reserves	Percentage of world total
Diamonds	365,000 carats	24
Gold	20,000 tonnes	50
Platinum group	36,200 tonnes	79
Coal	550,000 tonnes	n.a.
Antimony	254,000 tonnes	5.5
Chrome ore	5.7m tonnes	84
Cobalt	16,000 tonnes	0.5
Iron ore	5,400,000 tonnes	4.8
Manganese ore	12,700,000 tonnes	78
Nickel	6m tonnes	6.5
Titanium	31m tonnes	11
Vanadium	7.5m tonnes	47
Zirconium	6.5m tonnes	18
Ferrospar	9.5m tonnes	31
Phosphate rock	2,310m tonnes	6.7

Source: Minerals Bureau, South African Department of Mineral and Energy Affairs.

platinum and vanadium could well cause temporary difficulties for the present, however, labour disturbances are likely to be confined to the country's gold and coal mines on which the black National Union of Mineworkers (NUM) is concentrating its recruiting campaign.

As a result it is difficult to envisage how mine work stoppages would rest in the medium term for the industrialised nations, even though South Africa has most of the world's resources of a number of minerals and is a leading exporter. Bald statistics tend to obscure reality as the world simply does not want or need specific metals in the quantities South Africa would like to supply.

On the other hand, South Africa's sales have been helped

out of the recent demand trough by lower Chinese exports. Chinese sales would almost certainly resume in response to higher Western demand and higher prices, but they would almost certainly be accompanied by higher production from the U.S., which has over one-eighth of the world's vanadium reserves.

Despite the recent flurry in the platinum market, platinum group metals would cause less headaches for the West if South Africa's exports were interrupted. Demand growth in recent years has come principally from their use in oil-to-gasoline conversion catalysts. Temporary shortages would probably be overcome by

higher prices, leading to diversion of metal away from jewellery manufacture and towards industrial use.

In fact, there was a brief stoppage at Western Platinum's mine earlier this year. The other mines, however, are partly in the homeland of Bophuthatswana, where the NUM is barred from recruiting.

Paradoxically, even total closure of South Africa's gold mines would not be crucial. More than 90 per cent of all the gold ever mined is available to gold refiners. More than 90 per cent of the world stock of gold exceed 20,000 tonnes, which is equivalent to more than 30 years South African output.

cent of the world total. Countries such as the Philippines, Turkey, India and Finland could easily fill any gap left by shortages of South African material.

From a minerals standpoint, recent Western economic growth has not followed similar patterns. It has not been based on growth in the older industries which called for increased usage of traditional steelmaking metals such as manganese.

Economic recovery has focused on consumer industries which are comparatively large users of stainless steel. As a result South Africa has in the past 10 years mainly converted its diversified ferro-manganese and ferro-alloy facilities to the production of ferro-chrome. This supports the contention that the world's needs for manganese and silicon could readily be supplied by countries other than South Africa.

Coal is far from being a "strategic" mineral, though South Africa has emerged as a major exporting nation with the help of the recent British miners' strike and earlier disruption of Polish exports.

Within South Africa, coal is vital, and a strike throughout the coal industry starting about 10 years ago when he was assistant purchasing manager for natural rubber with the Uniroyal tyre company. He became Uniroyal's manager of natural rubber purchasing in 1982, and in that capacity handled the purchase and transportation of 60,000 tonnes of rubber per year.

The five-year-old International Natural Rubber Agreement is facing its worst crisis.

Plentiful supplies and stagnant demand have forced prices to

plunge to below the "must buy"

Rubber stockpile manager chosen

BY WONG SULONG IN KUALA LUMPUR

level in recent weeks.

Strong buying support by the buffer stock has had little impact on price, but has pushed the average to about \$40,000 tonnes, forcing a 3 per cent cut in intervention prices last month.

Senior Inro officials say the next two months are critical as unless demand picks up in the industrialised countries after the summer holidays prices could slip further.

Another special Inro session has to be called if the buffer stockpiles hits 400,000 tonnes.

The options there would be difficult for members to swallow. They could either decide on another price cut, followed by the introduction of a 150,000-tonne contingency stock, or a temporary suspension of the Inro agreement to allow the commodity to find its own price level.

By then, some members would probably be asking openly whether the agreement should be allowed to continue.

• The current cash premium in the rubber market is very unhealthy and spot prices were within a range of \$10 must buy level in an increasingly weak market, Mr Adams, the retiring buffer stock manager said, yesterday.

Nickel production to fall by 40% in New Caledonia

Canada pushes its rival to the Krugerrand in Hong Kong

BY DAVID DODWELL IN HONG KONG

THE ROYAL MINT of Canada yesterday launched the Maple Leaf gold coin in Hong Kong as part of an international effort to boost Canadian bullion sales. The push by the world's third largest producer of gold comes at a time when anti-apartheid sentiment has generated pressure to restrict sales of South Africa's widely sold gold coin, the Krugerrand.

The Canadian mint insisted that the launch of the Maple Leaf in Hong Kong had nothing

to do with political factors depressing demand for South African Gold. Both the Krugerrand and the Maple Leaf were first minted in 1979, with Krugerrands launched in Hong Kong almost immediately. The promotion will be based on the fact that the Maple Leaf is 99.99 per cent pure—the only coin available of such purity.

While world demand for gold coins has fallen over the past 18 months—by about 18 per cent in 1984 and an estimated 20 per cent this year—demand in Hong Kong has remained buoyant, making it an increasingly important centre for gold trading. The territory is thought to have accounted for about 20 per cent of world sales of gold coins in the first half of this

year. According to the Royal Mint, 178 tons of gold were imported into Hong Kong in 1984—about 10 per cent of world production. In the first half of this year, a further 126 tons have been imported, though current demand is understood to be flat.

Despite slack world demand—reflection of stagnating gold

prices worldwide—Canada's Maple Leaf has made startling gains in its share of the world market for gold coins. The mint claims a 27 per cent share in 1984, and a 55 per cent share for the first seven months of 1985. Sales have kept by more than 50 per cent, officials say, with expected sales for the year of 1.5m ozs.

Analysts and traders said the market had already allowed for a substantial cut in New Caledonia's production plans as a result of the disturbances earlier this year.

LONDON MARKETS

AN UPSURGE in buying interest on the world market led to sharp gains on London's sugar futures market yesterday. Taking their lead from New York nearby values moved up around \$10 a tonne.

Dealers said confirmation had been received of physical sales to Sri Lanka and Egypt but they were still awaiting news from a buying tender in Pakistan and a selling tender in Spain.

Sterling's decline led to gains on the coffee futures market but values finished below the day's highs.

From today the London Metal Exchange zinc prices quoted below are for high grade metal. Trading in the three month position on the standard grade contract ceased at the close of trading on Monday.

LME prices supplied by Amalgamated Metal Trading

ALUMINUM

Unofficial + or close(p.m.)	+ or \$ per tonne	High/low
Cash	754.5 +9.5	756/727.5
3 months	757.0 +8.70	758/744

Official closing (am): Cash 752.5-5; 3 months 750.5-5. Settlement 752.5 (725.5-5). Karb close: 758.5-5. Turnover: 15,050 tonnes.

COPPER

Higher grade + or close(p.m.)	+ or \$ per tonne	High/low
Cash	1010.1 -0.2	1010.5/1014.5
8 months	1010.1 +0.8	1014.5/1017.5

Official closing (am): Cash 1010.5-1; 8 months 1010.4-1. Settlement 1010.4-1. Final karb close: 1014.5-1.

GOLD

Higher grade + or close(p.m.)	+ or \$ per tonne	High/low
Cash	1010.1 -0.2	1010.5/1014.5
8 months	1010.1 +0.8	1014.5/1017.5

Official closing (am): Cash 998.50-5; 8 months 1010.1-1. Settlement 1010.1-1. Final karb close: 1014.5-1. Turnover: 10,200 tonnes. U.S. Prime: 65.00 cents per pound.

LEAD

Unofficial + or close(p.m.)	+ or \$ per tonne	High/low
Cash	201.5 -1.5	197.5/202.5
3 months	201.35 -0.75	197.5/200.5

Official closing (am): Cash 200.50-5; 3 months 201.35-5. Settlement 200.50-5. Final karb close: 200.50-5. Turnover: 10,000 tonnes. U.S. Prime: 65.00 cents per pound.

NICKEL

Unofficial + or close(p.m.)	+ or \$ per tonne	High/low
Cash	3470.5 +17.5	3470.5/3500
3 months	3453.40 +16.5	3453.40/3500

Official closing (am): Cash 3455.50-5; 3 months 3452.50-5. Settlement 3452.50-5. Final karb close: 3452.50-5. Turnover: 6,400 tonnes.

ZINC

Unofficial + or close(p.m.)	+ or \$ per tonne	High/low
Cash	897.5 8.5 +14.5	897.5/910
3 months	895.5-6.4 +12.70	895.5/908.5

Official closing (am): Cash 895.50-5; 3 months 893.50-5. Settlement 893.50-5. Final karb close: 893.50-5. Turnover: 8,325 tonnes. U.S. Prime: 41.00-1.70 cents per pound.

SILVER

Unofficial + or close(p.m.)	+ or \$ per tonne	High/low
Cash	3470.5 +17.5	3470.5/3500
3 months	3453.40 +16.5	3453.40/3500

Official closing (am): Cash 3455.50-5; 3 months 3452.50-5. Settlement 3452.50-5. Final karb close: 3452.50-5. Turnover: 6,400 tonnes.

CURRENCIES, MONEY and CAPITAL MARKETS

FOREIGN EXCHANGES

Dollar shows further rise

The dollar rose quite sharply yesterday as U.S. centres re-entered the market after a long weekend as dollar buyers. However, it was difficult to establish whether the recent rise signified a renewed upturn in the dollar. In the light of last Friday's better-than-expected U.S. trade figures and a rise in July construction spending, the market appeared to reason that any indication of a small upturn in market sentiment and at best gave the South African government a breathing space.

Despite this, the dollar appeared to lack sufficient impetus to turn the recent recovery into a sustainable trend. Third quarter U.S. GNP figures are not due for release for another three weeks and this is likely to provide the necessary catalyst to establish a fresh dollar trend.

Against this, the dollar rose to a high of DM 2.8580 before finishing at DM 2.8540, up from DM 2.8585 on Monday and its best closing level since July 1. Against the yen, it rose to Y239.45 from Y238.50 and SwFr 2.2510 compared with SwFr 2.2505. It was also higher

in terms of the French franc at 11.3865, up from FF 8.6450. On Friday, French figures, the dollar's exchange rate index rose from 133.4 to 134.1.

The South African rand lost ground despite last weekend's financial package and slipped to 41.5 U.S. cents from 42.0. Dealers suggested that the recent measures had failed to change market sentiment and at best gave the South African government a breathing space.

STERLING — Trading range against the dollar in 1985 is 3.4510 to 2.7425. August average 2.7506. Exchange rate index 133.88. Exchange rate index 125.4 against 118.6 six months down from an opening of 121.1 ago.

EMS EUROPEAN CURRENCY UNIT RATES

	ECU	% change from September 3	% change from September 2	Divergence Index %
Belgian Franc	64.3220	+6.76%	+0.76%	+1.502
Denmark Krone	6.2240	-3.00%	-0.52%	-0.32
French Franc	2.2540	-2.25%	-0.28%	-1.148
German Mark	8.3840	-2.25%	-0.28%	-0.82
Dutch Guilder	2.5220	-2.00%	-0.52%	-0.32
Irish Punt	0.72675	-1.19%	-0.35%	-0.572
Icelandic Krona	1.6200	-1.60%	-2.01%	-0.685

Changes are for EMS members' changes in weak currency. Adjustment calculated by Financial Times.

There was no intervention by the Bundesbank at yesterday's fixing in Frankfurt when the dollar was fixed at DM 2.8249 from DM 2.8281. This was the highest fixing level since August 7 with much of the day's trading in the recent break through upper resistance levels. In addition a 1.2 per cent rise in construction spending added further weight for those expecting an upturn in U.S. economic activity. The dollar closed at DM 2.8245 from FF 8.6450.

D-MARK — Trading range

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3.4510 to 2.7425. August average

2.7506. Exchange rate index

133.88. Exchange rate index

125.4 against 118.6 six months

down from an opening of 121.1 ago.

STERLING INDEX

Sept 3	Sept 2	Previous
9.30 am	62.1	62.3
9.00 am	61.9	62.4
10.00 am	62.1	62.5
Noon	62.1	62.4
1.00 pm	62.1	62.4
2.00 pm	62.0	62.3
4.00 pm	62.0	62.3

Price moved in a narrow range on the London International Financial Futures Exchange yesterday. Profit-taking lent support to dollar-denominated contracts, while short sterling and gilt futures finished near the day's low as sterling lost ground to the strong dollar. December Eurodolars opened slightly lower at \$1.49, and traded in a narrow range of \$1.48 to \$1.50 until Chicago opened. The level of \$1.48 was a technical support point, but as expected Chicago futures closed the contract through that level to a low of \$1.43. After several

attacks December Eurodolars refused to move lower, and ended back to close near the day's peak of \$1.51 on profit-taking. A high Federal funds rate tended to depress both Eurodollar and Treasury bond futures during the afternoon. Bonds for December delivery opened steady at 76-05, and also traded in a narrow range until Chicago opened. The price down to a low of 75-26.

The weakness of the pound

against the dollar pushed three-month sterling deposits for December down to close at the

a low of 91.63. After several

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International Financier
DAIWA
SECURITIES

BRITISH FUNDS

High	Low	Stock	Price	Yield
<i>"Shares Up to Five Years"</i>				
100	99	100	12.25	11.4
101	99	100	11.75	11.5
99	97	100	11.75	9.92
97	95	100	10.5	10.75
95	93	100	10.5	10.75
93	91	100	10.5	10.75
91	90	100	10.5	10.75
90	89	100	10.5	10.75
89	88	100	10.5	10.75
88	87	100	10.5	10.75
87	86	100	10.5	10.75
86	85	100	10.5	10.75
85	84	100	10.5	10.75
84	83	100	10.5	10.75
83	82	100	10.5	10.75
82	81	100	10.5	10.75
81	80	100	10.5	10.75
80	79	100	10.5	10.75
79	78	100	10.5	10.75
78	77	100	10.5	10.75
77	76	100	10.5	10.75
76	75	100	10.5	10.75
75	74	100	10.5	10.75
74	73	100	10.5	10.75
73	72	100	10.5	10.75
72	71	100	10.5	10.75
71	70	100	10.5	10.75
70	69	100	10.5	10.75
69	68	100	10.5	10.75
68	67	100	10.5	10.75
67	66	100	10.5	10.75
66	65	100	10.5	10.75
65	64	100	10.5	10.75
64	63	100	10.5	10.75
63	62	100	10.5	10.75
62	61	100	10.5	10.75
61	60	100	10.5	10.75
60	59	100	10.5	10.75
59	58	100	10.5	10.75
58	57	100	10.5	10.75
57	56	100	10.5	10.75
56	55	100	10.5	10.75
55	54	100	10.5	10.75
54	53	100	10.5	10.75
53	52	100	10.5	10.75
52	51	100	10.5	10.75
51	50	100	10.5	10.75
50	49	100	10.5	10.75
49	48	100	10.5	10.75
48	47	100	10.5	10.75
47	46	100	10.5	10.75
46	45	100	10.5	10.75
45	44	100	10.5	10.75
44	43	100	10.5	10.75
43	42	100	10.5	10.75
42	41	100	10.5	10.75
41	40	100	10.5	10.75
40	39	100	10.5	10.75
39	38	100	10.5	10.75
38	37	100	10.5	10.75
37	36	100	10.5	10.75
36	35	100	10.5	10.75
35	34	100	10.5	10.75
34	33	100	10.5	10.75
33	32	100	10.5	10.75
32	31	100	10.5	10.75
31	30	100	10.5	10.75
30	29	100	10.5	10.75
29	28	100	10.5	10.75
28	27	100	10.5	10.75
27	26	100	10.5	10.75
26	25	100	10.5	10.75
25	24	100	10.5	10.75
24	23	100	10.5	10.75
23	22	100	10.5	10.75
22	21	100	10.5	10.75
21	20	100	10.5	10.75
20	19	100	10.5	10.75
19	18	100	10.5	10.75
18	17	100	10.5	10.75
17	16	100	10.5	10.75
16	15	100	10.5	10.75
15	14	100	10.5	10.75
14	13	100	10.5	10.75
13	12	100	10.5	10.75
12	11	100	10.5	10.75
11	10	100	10.5	10.75
10	9	100	10.5	10.75
9	8	100	10.5	10.75
8	7	100	10.5	10.75
7	6	100	10.5	10.75
6	5	100	10.5	10.75
5	4	100	10.5	10.75
4	3	100	10.5	10.75
3	2	100	10.5	10.75
2	1	100	10.5	10.75
1	0	100	10.5	10.75
0	0	100	10.5	10.75
<i>"Shares Up to Fifteen Years"</i>				
100	99	100	10.5	10.75
99	98	100	10.5	10.75
98	97	100	10.5	10.75
97	96	100	10.5	10.75
96	95	100	10.5	10.75
95	94	100	10.5	10.75
94	93	100	10.5	10.75
93	92	100	10.5	10.75
92	91	100	10.5	10.75
91	90	100	10.5	10.75
90	89	100	10.5	10.75
89	88	100	10.5	10.75
88	87	100	10.5	10.75
87	86	100	10.5	10.75
86	85	100	10.5	10.75
85	84	100	10.5	10.75
84	83	100	10.5	10.75
83	82	100	10.5	10.75
82	81	100	10.5	10.75
81	80	100	10.5	10.75
80	79	100	10.5	10.75
79	78	100	10.5	10.75
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74	73	100	10.5	10.75
73	72	100	10.5	10.75
72	71	100	10.5	10.75
71	70	100	10.5	10.75
70	69	100	10.5	10.75
69	68	100	10.5	10.75
68	67	100	10.5	10.75
67	66	100	10.5	10.75
66	65	100	10.5	10.75
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54	53	100	10.5	10.75
53	52	100	10.5	10.75
52	51	100	10.5	10.75
51	50	100	10.5	10.75
50	49	100	10.5	10.75
49	48	100	10.5	10.75
48	47	100	10.5	10.75
47	46	100	10.5	10.75
46	45	100	10.5	10.75
45	44	100	10.5	10.75
44	43	100	10.5	10.75
43	42	100	10.5	10.75
42	41	100	10.5	10.75
41	40	100	10.5	10.75
40	39	100	10.5	10.75
39	38	100	10.5	10.75
38	37	100	10.5	10.75
37	36	100	10.5</td	

INDUSTRIALS—Continued

High	Low	Stock	Price	Yield	1985	LEISURE—Continued	PROPERTY—Continued	INVESTMENT TRUSTS—Cont.	FINANCE, LAND—Cont.	MINES—Continued																				
Net	Cw	Brk	Ps	Pt	High	Low	Stock	Price	Yield	Stock	Price	Yield	Net	Cw	Brk	Ps	Pt	High	Low	Stock	Price	Yield	Net	Cw	Brk	Ps	Pt	High	Low	
25	25	Hammarskjöld 10a	49	—	32	5.5-5.5	2.1	29.1	32	12.25-2.2	20.1	20.1	49	49	49	49	49	11.04	11.15	U.S. & G. Corp.	440	513.5	21.10	23.2	20.5	20.5	20.5	20.5	20.5	20.5
202	202	Alcan, Shop Cen 10a	367	42	28	5.5-5.5	2.1	29.1	32	12.25-2.2	20.1	20.1	49	49	49	49	49	51.5	51.5	Warren R P 10a	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
102	102	Alcan, Shop Cen 10b	367	42	28	5.5-5.5	2.1	29.1	32	12.25-2.2	20.1	20.1	49	49	49	49	49	51.5	51.5	Warren R P 10b	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
107	107	Marshall Corp 10a	74	—	28	2.4-2.4	4.9	53.3	123	10.5-10.5	6.5	6.5	105	105	105	105	105	12.5	12.5	Warren R P 10c	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
77	77	Marshall Corp 10b	74	—	28	2.4-2.4	4.9	53.3	123	10.5-10.5	6.5	6.5	105	105	105	105	105	12.5	12.5	Warren R P 10d	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
78	78	Dr. Thorvaldsson 11a	97	—	28	2.4-2.4	5.0	53.3	123	10.5-10.5	6.5	6.5	105	105	105	105	105	12.5	12.5	Warren R P 10e	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
79	79	For Martin-Baker See Dcar Park Hous 10a	102	—	28	2.4-2.4	5.0	53.3	123	10.5-10.5	6.5	6.5	105	105	105	105	105	12.5	12.5	Warren R P 10f	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
105	105	Metcalfe Corp 10a	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10g	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
106	106	Metcalfe Corp 10b	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10h	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
107	107	Metcalfe Corp 10c	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10i	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
108	108	Metcalfe Corp 10d	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10j	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
109	109	Metcalfe Corp 10e	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10k	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
110	110	Metcalfe Corp 10f	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10l	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
111	111	Metcalfe Corp 10g	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10m	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
112	112	Metcalfe Corp 10h	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10n	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
113	113	Metcalfe Corp 10i	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10j	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
114	114	Metcalfe Corp 10j	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10k	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
115	115	Metcalfe Corp 10l	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10m	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
116	116	Metcalfe Corp 10n	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10o	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
117	117	Metcalfe Corp 10p	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10q	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
118	118	Metcalfe Corp 10r	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10s	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
119	119	Metcalfe Corp 10t	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10u	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
120	120	Metcalfe Corp 10v	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10w	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
121	121	Metcalfe Corp 10x	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75	7.5	7.5	105	105	105	105	105	12.5	12.5	Warren R P 10y	322	515.5	19.47	22.2	20.5	20.5	20.5	20.5	20.5	20.5
122	122	Metcalfe Corp 10z	62	—	17	2.5-2.5	1.1	27.9	32	10.75-10.75</																				

WORLD STOCK MARKETS

OVER-THE-COUNTER

Nasiling national market, 2.30pm price

Stock	Sales	High	Low	Last	Chg	Stock	Sales	High	Low	Last	Chg	Stock	Sales	High	Low	Last	Chg																		
Continued from Page 33																																			
NdFps	.74	256	321	313	-1	ReedCr	17	27	25	24	+1	SonoPcs	.68	157	28	28	+1	UBCof	1.05	16	26	26	+1												
ndSoftC	2.60	14	217	217	-1	Reedog	55	214	212	211	-1	SonrFd	.456	81	19	19	-1	UfnGrp	.58	38	11	7	-1												
Recon	30	49	54	54	-1	RecknL	.54	112	26	28	+1	Solitop	.52	79	24	24	-1	UfroPd	.45	45	17	17	-1												
Reeves	708	12	117	117	-1	Rexon	30	49	54	54	-1	Sourst	.18	42	64	64	-1	UfrDrd	1.64	25	12	12	-1												
Reine	29	73	73	73	-1	RicElt	.20	1429	54	52	-1	Sovrnt	.18	42	64	64	-1	UfrPrd	.51	111	11	11	-1												
Rileab	.12	20	154	15	-1	Rigels	.96	95	55	55	-1	Spdly	.80	171	11	17	-1	UfrPrd	.51	208	57	47	-1												
Ripoff	.16	84	93	61	-1	Ripoff	.536	158	13	13	-1	Spotran	.26	234	234	234	+1	UfrDgn	.111	31	54	54	-1												
RestaG	.30	125	131	131	-1	RestaGy	.5	145	14	14	-1	SpecCal	.06	18	84	84	-1	UfrDgn	.082	261	24	24	-1												
Ribin	413	65	65	65	-1	Rether	.156	175	57	57	-1	Spira	.9	15	142	142	-1	UfrDgn	.12	89	4	4	-1												
Ridapp	.20	57	154	154	-1	ReuthH	.356	11	27	25	-1	StarSrs	.220	65	58	58	-1	UfrDgn	.12	89	19	19	-1												
RhodT	2.76	34	313	312	-1	ReyEl	.124	143	39	37	-1	StabId	.20	163	8	73	-1	UfrDgn	.1	106	28	28	-1												
RhodExp	6	109	102	104	-1	Rhodes	.24	158	144	14	-1	Standys	.1	167	151	145	-1	UfrDgn	.20	15	204	204	-1												
RhenMs	.26	x221	161	154	-1	Ribill	.60	80	75	74	-1	Stalcic	.120	61	224	224	+1	UfrDgn	.59	234	234	234	-1												
Rico	.91	8-10	7	7	-1	Rival	.80	114	16	16	-1	Stanfor	.120	158	304	302	-1	UfrDgn	.164	58	424	424	-1												
P Q																																			
Riboff	.06	418	26	26	-1	Rivell	.156	82	45	45	-1	StateG	.156	82	45	45	-1	UfrDgn	.216	x450	53	42	-1												
RobBog	.06	175	115	115	-1	Rivell	.156	82	45	45	-1	UfrDgn	.216	x450	53	42	-1	UfrDgn	.216	x450	53	42	-1												
RobVsn	.31	124	115	115	-1	Roules	.54	228	224	224	-1	StewStv	.12	23	16	16	-1	VLI	.81	65	64	64	-1	VLI	.81	65	64	64	-1						
RocFed	.154	142	14	14	-1	RoyPm	.216	107	106	104	-1	Stiel	.24	67	65	65	-1	VLSI	.78	127	12	12	-1	VLSI	.632	57	58	58	-1						
RocTel	.80	76	131	131	-1	RoyRls	.169	31	34	31	-1	Stratus	.637	31	32	32	-1	VMAX	.52	354	364	364	-1	VMAX	.403	35	35	35	-1						
RocoPh	.178	15	14	14	-1	RustPol	.26	159	159	159	-1	Stylar	.76	8	347	334	-1	ValidLog	.329	54	8	8	-1	ValidLog	.329	54	8	8	-1						
RondA	.15	7	7	7	-1	RyanPs	.41	164	184	184	-1	Sabers	.188	35	170	169	-1	Vant	.120	231	385	382	-1	Vant	.120	231	385	382	-1						
RondOr	.60	75	124	125	-1	SAYInd	.34	137	134	134	-1	Salvius	.188	445	27	21	-1	Vant	.120	231	385	382	-1	Vant	.120	231	385	382	-1						
RondM	.32	65	8	7	-1	SEI Sy	.454	154	154	154	-1	Sammler	.18	517	119	112	-1	Vant	.120	231	385	382	-1	Vant	.120	231	385	382	-1						
RondN	.18	111	112	111	-1	SEI Sy	.454	154	154	154	-1	Sammler	.18	445	27	21	-1	Vant	.120	231	385	382	-1	Vant	.120	231	385	382	-1						
RondP	.3	111	111	111	-1	SPE	.10	8	7	7	-1	Sammler	.18	517	119	112	-1	Vant	.120	231	385	382	-1	Vant	.120	231	385	382	-1						
RondH	.183	165	164	164	-1	SRI	.80	663	204	202	-1	Saptrax	.26	4	4	4	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondGld	.270	141	131	131	-1	Selecto	.180	204	40	40	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondEd	.220	6	333	334	-1	Selkitt	.56	164	19	19	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondE	.85	188	144	154	-1	Seleco	.20	404	40	40	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondC	.12	185	28	27	-1	Seleco	.3	497	72	148	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondR	.12	69	1	1	-1	SelOpt	.05	2	72	72	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondS	.10	134	97	97	-1	Sensor	.12	19	61	61	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondG	.504	228	154	157	-1	ServFn	.178	27	48	47	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondI	5	27	24	24	-1	ServFn	.44	496	20	20	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondAm	5	27	24	24	-1	ServFn	.44	496	20	20	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondMc	.632	257	254	254	-1	ServFn	.44	496	20	20	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondH	.69	192	215	215	-1	ServFn	.44	496	20	20	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondE	.52	32	34	34	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondS	.12	375	87	84	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondF	.39	20	131	131	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondM	.39	24	24	24	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondC	.39	12	11	11	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondR	.12	15	33	32	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1						
RondI	.12	172	74	74	-1	Sensor	.05	317	8	8	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondAm	.12	172	74	74	-1	Sensor	.05	317	8	8	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondC	.225	4	4	4	-1	Sensor	.05	317	8	8	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondCo	.156	57	57	57	-1	Sensor	.05	317	8	8	-1	ServFn	.40	280	134	134	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondTr	.16	38	44	44	-1	ServFn	.14	40	4	4	-1	ServFn	.14	40	4	4	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondRog	.12	15	38	38	-1	ServFn	.14	40	4	4	-1	ServFn	.14	40	4	4	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondTrf	.20	38	120	127	-1	ServFn	.14	40	4	4	-1	ServFn	.14	40	4	4	-1	Savtix	.265	5-18	14	14	-1	Ventres	.79	101	95	95	-1	Ventres	.79	101	95	95	-1
RondTrn	.38	175	172	172	-1	ServFn	.14	40	4	4	-1	ServFn	.																						

NYSE COMPOSITE PRICES

12 Month										Chg.	12 Month			
	High	Low	Stock	Dr.	Y.M.	P/	Siz.	Class	Fwd.	Close	High	Low	Stock	D
Continued from Page 33														
5%	8	WIMF n	18	7	12%	12%	12%	12%	12%	12%	4012	28%	WiseEP2 48	
3%	7%	WICKG	6	71	12%	13%	13%	13%	13%	13%	90	71	61	WiseE 97
13%	26%	WilliamI.40	4.8	18	122%	51%	30%	30%	30%	30%	4035	25%	WisePL2 88	
1%	2	WIRMEI	251	25	3%	3%	3%	3%	3%	3%	4012	30%	WiseW 1	
3%	6%	WISOMQ.10	1.8	25	8%	8%	8%	8%	8%	8%	1512	91	WohrW 24	
18%	30%	WISOMX1.14	4.9	13	121	36%	35%	35%	35%	35%	4030	32%	Wolwth 180	
20%	65%	WISOMZ.20	2.0	9	55%	10%	9%	10%	10%	10%	4012	23	WISAr	
10%	5%	Wimmer	188	19	5%	5%	5%	5%	5%	5%	5134	54%	Wrigly 180	
3%	34%	WintexJ	30	7%	1%	7%	7%	7%	7%	7%	478	25%	Wurfler	

卷之三十一

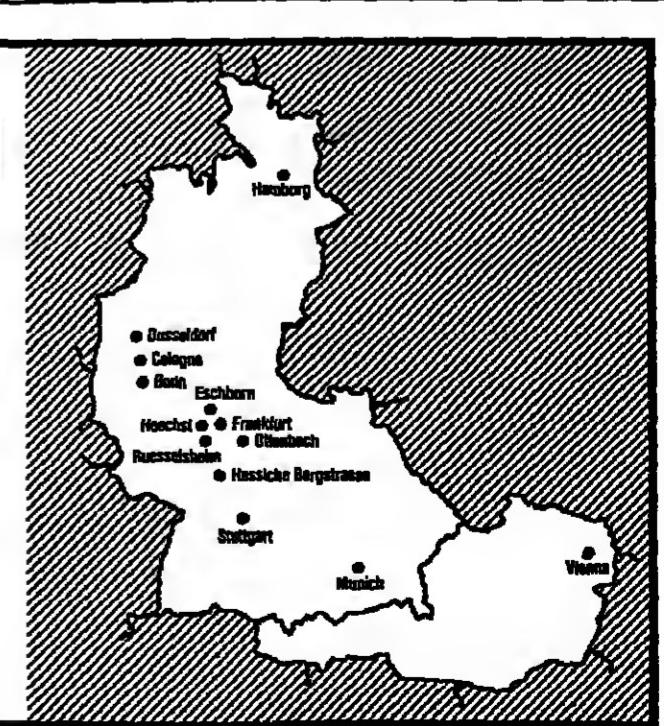
Chief price changes

LONDON		Other price changes (in pence unless otherwise indicated)		
RISES		Warnford Inv	495	+30
Allied-Lyons	252	+11	Willis Faber	713 +21
Bowater Ind	350	+15	FALLS	
Brent Chem	132	+ 7	Acorn Computer	95 -10
Coats Patons	161	+ 8	BICC	203 -15
Desoutter	190	+10	BTR	355 -11
Dixons Group	655	+32	Bunzl	485 -13
Haynes Publish	350	+25	Ferranti	112 - 6
Hazlewood Foods	753	+45	Fleet Hldgs	360 - 6
Newb & Burton	82	+10	GEC	178 - 6
Pavilion Leisure	60	+10	Hall Eng	120 - 6
Reuters B	328	+ 8	Memcom Int	110 -90
Ricardo	104	+ 8	Plessey	138 - 4
Scott & Newca	167	+ 5	Racial Elect	150 - 8
Somportex	72	+ 6	TI	375 - 9

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NYSE COMPOSITE PRICES

Continued from Page 32

Prices at 3pm. September

AMEX COMPOSITE PRICES

Sales figures are unofficial. Yearly highs and lows reflect the previous 52 weeks plus the current week, but not the latest trading day. Where a split or stock dividend amounting to 25 per cent or more has been paid, the year's high-low range and dividend are shown for the new stock only. Unless otherwise noted, rates of dividends are annual distributions based on the latest declaration.

- dividend also, extra(s), b-annual rate of dividend plus stock dividend, c-equidividend dividend, cl-called, d-new year low, e-dividend declared or paid in preceding 12 months, g-dividend in Canadian funds, subject to 15% non-residence tax, i-dividend declared after split-up or stock dividend, j-dividend paid this year, omitted, deferred, or no action taken at latest dividend meeting, k-dividend declared or paid this year, an accumulated issue with dividends in arrears, n-new issue in the past 52 weeks. The high-low range begins with the start of trading; na-next day delivery, P/E-price-earnings ratio, r-dividend declared or paid in preceding 12 months, plus stock dividend, s-stock split. Dividends begin with date of split, start of sales. t-dividend paid in stock in preceding 12 months, estimated cash value on ex-dividend or ex-distribution date, u-new yearly high, v-trading halved, w-in bankruptcy or receivership or being reorganised under the Bankruptcy Act, or securities assumed by such companies, wd-distributed, wi-warrants issued, ww-with warrants, x-ex-dividend or ex-rights, xl-ex-distribution, xx-without warrant, y-ex-dividend and sales in full, zr-zield, z-zones in full.

Stock	Div	P	Se	100s	High	Low	Class	Chg	Stock	Div	P	Se	100s	High	Low	Class	Chg	Stock	Div	P	Se	100s	High	Low	Class	Chg	Stock	Div	E	Se	100s	High	Low	Class	Chg	
Acton		94	178	8	121	121	-	-14	DAG		131	6	8	121	118	118	-	-4	IndCrys		68	23	121	121	121	-	-14	RstASCA		13	196	6	474	474	-	-14
AdFusil	.14	18	54	26	262	262	-	-14	DAG		131	6	8	121	118	118	-	-4	IndGen		52	23	121	121	121	-	-14	Rtaway		7	369	6	369	369	-	-14
Adobe		28	12	174	174	174	-	-14	Dahmco		87	57	45	148	148	148	-	-14	IndInt		20	9	118	118	118	-	-14	Rtaway		11	119	6	181	181	-	-14
Aeron		71	18	5	5	5	-	-14	DataPd	.10	498	87	124	124	124	-	-14	IraqBrd		24	18	58	38	38	-	-14	Rogers	.12	11	10	281	281	-	-14		
AltPhos	.60	21	5	472	472	472	-	-14	DevCps		14	21	21	21	21	-	-14	Jevon		711	14	6	71	71	-	-14	RWW		7	23	71	71	-	-14		
AmCal		4	43	102	102	102	-	-14	Diagcon		55	34	67	65	65	-	-14	JohnPD		4	63	63	63	63	-	-14	Ryatti		50	13	362	243	-	-14		
AmCapL	.20	121	121	121	121	121	-	-14	Doit	.28	17	34	67	65	65	-	-14	JohnPD		4	63	63	63	63	-	-14	SJW		11	18	374	368	-	-14		
Alpinas	.05	63	2	116	116	116	-	-14	Dodes		7	25	34	31	31	-	-14	KayCo		20	19	156	116	109	-	-14	Sage		344	8	81	81	-	-14		
Almdal		20	311	14	134	134	-	-14	DomeP		1861	21	23	19	21	-	-14	KewPw		20	19	156	116	109	-	-14	Salem		10	19	321	257	-	-14		
Alrael		4	5	78	78	78	-	-14	Driller		40	15	21	19	19	-	-14	Kirby		24	18	58	38	38	-	-14	Scob		56	15	257	257	-	-14		
AlmeA	.52	48	22	154	154	154	-	-14	Dudson	.68	18	6	32	29	29	-	-14	KogerC	2.32	77	72	27	27	27	-	-14	Scob		56	15	257	257	-	-14		
AlmBld		118	41	4	4	4	-	-14	Dunlop		0	258	122	121	121	-	-14	LaBerg		4	27	27	27	27	-	-14	Scob		56	15	257	257	-	-14		
AlPef		2	22	55	55	55	-	-14	Dynlct	.27	0	258	122	121	121	-	-14	Laser		3	7	11	10	11	-	-14	Scob		56	15	257	257	-	-14		
ASCf		30	4	45	45	45	-	-14	EAC	.40	37	8	73	74	74	-	-14	Lazur		3	27	54	54	54	-	-14	Scob		56	15	257	257	-	-14		
ArgoPl		71	4	4	4	4	-	-14	ERC		18	8	52	65	65	-	-14	Luxem		68	32	36	116	116	-	-14	Scob		56	15	257	257	-	-14		
Armin		4	45	45	45	45	-	-14	EpiCo		16	165	19	19	19	-	-14	MCO		6	52	135	135	135	-	-14	Scob		56	15	257	257	-	-14		
Asking	.15	76	98	98	98	98	-	-14	EpoCo		1	9	198	198	198	-	-14	MCO		1	17	12	12	12	-	-14	Scob		56	15	257	257	-	-14		
AstroC		137	11	13	13	13	-	-14	Espn		1068	141	141	141	141	-	-14	Micra		17	21	21	21	21	-	-14	Scob		56	15	257	257	-	-14		
AtsCM		18	13-18	13-18	13-18	13-18	-	-14	Espn		48	56	54	54	54	-	-14	Micra		24	18	58	58	58	-	-14	Scob		56	15	257	257	-	-14		
Atlaswt		2	32	31	31	31	-	-14	Espn		48	7	4	208	208	208	-	-14	Micra		24	18	58	58	58	-	-14	Scob		56	15	257	257	-	-14	
B B									F F									FDP		1	71	71	71	71	-	-14	TIE		83	71	71	71	71	-	-14	
Barrn		31	5	48	48	48	-	-14	Festind		48	7	13	19	18	19	-	-14	FamRest		39	24	24	24	24	-	-14	TIE		1273	23	13	23	23	-	-14
BergBr		32	15	170	170	170	-	-14	FestP		56	16	10	128	128	128	-	-14	FarmF		80	14	136	136	136	-	-14	TIE		14	15	15	15	15	-	-14
BleCo		72	4	33	31	31	-	-14	Fluko		130	10	11	254	248	248	-	-14	FrmG	1.75	1273	611	608	611	608	-	-14	TIE		15	35	18	16	16	-	-14
BigV		40	18	12	154	154	-	-14	Forest		52	113	258	258	258	-	-14	FedCos		114	184	184	184	184	-	-14	TIE		12	12	12	12	12	-	-14	
BindM		1	7	22	22	22	-	-14	FrostD		17	21	21	21	21	-	-14	FerroF		314	51	51	51	51	-	-14	TIE		12	12	12	12	12	-	-14	
BindM		1	7	22	22	22	-	-14	G									FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14	
Bloum		45	8	32	32	32	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
Blount		40	0	9	10	10	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BoatVal		20	54	124	117	117	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BoatW		17	45	45	45	45	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
Bonne		44	17	173	173	173	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		1.60	50	227	227	227	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		27	234	234	234	234	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		259	56	56	56	56	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		259	56	56	56	56	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		259	56	56	56	56	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		259	56	56	56	56	-	-14	G								FedEx		132	301	301	301	301	-	-14	TIE		12	12	12	12	12	-	-14		
BosCo		259	56	56	56	56	-	-14	G																											

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FINANCIAL TIMES

WORLD STOCK MARKETS

WALL STREET

Uncertainty generates weakness

UNCERTAINTY over the progress of the economy continued to unsettle Wall Street yesterday as business resumed after the Labor Day break, writes Terry Elyan in New York.

A bearish report on August business activity from U.S. purchasing managers weakened stock prices and also reversed Friday's weakness in bonds.

At 3pm, the Dow Jones industrial average was down 7.65 at 1,326.16.

The credit markets had second thoughts about the federal economic data released before the weekend, which seemed to indicate a recovery in the pace of the economy. Bond prices edged higher after a slow start, brushing aside technical firmness in federal funds which brought two-day system repurchases by the Federal Reserve.

But trading was still thin in both bonds and equities, with the major institutions remaining out of the game. Friday's break in the bond market indicated that rates are expected to move upwards. Also pointing to higher rates is the surge in money supply, characterised by Mr Ronald Ferguson of First Michigan as "eventually inflationary".

In the stock market, prices drifted downwards as the big institutional investors waited for clearer evidence on the trend of the economy and interest rates.

The Dow transportation average was down sharply after Merrill Lynch marked the airline stocks as "okay to sell", because tightening consumer spending may soon hurt ticket sales.

Harshest hit was United, the premier domestic carrier, which fell 5 1/4 to \$33 1/4, although trading was very light. Other domestic airlines to fall included Eastern 5% off at \$104, Delta, 5% down at \$45 1/2 and American, 5% easier at \$43 1/2.

Pan Am, strong in recent weeks on bid hopes, eased 3 1/2 to 37 1/2 in moderate turnover.

The firm spot was TWA, 5% higher at \$22 1/2 as Wall Street waited to see what Mr Carl Icahn would do with his latest acquisition.

The most active takeover spot, as well as the second most active stock in the market, was SCM, halted with a gain of 22% at \$89 3/8 shortly before Hanson Trust of the UK increased its offer to \$72 a share. Earlier, the stock topped the \$70 a share bid from Merrill Lynch and an SCM management group, as speculators flocked around the bidding contest which could yet bring in new contenders for SCM.

Stock in Travelers Corp eased by 5% to \$41 1/4 as the board began an offering of 3.9 million shares.

Union Carbide fell 5 1/2 to \$55 1/2 in heavy trading, featuring a block of 900,000 shares traded at \$56.

Blue chips made a quiet contrast to the frenzy among bid stocks. Motor issues remained dull in the face of doubts over the outlook for car sales. General Motors eased 5% to \$67, Ford 5% to \$43 1/2 and Chrysler 5% to \$36 1/2.

The technology stocks failed to develop any significant trend. IBM, at \$128 1/2, edged up 5% but was lightly traded. Digital Equipment eased 5% to \$104 1/2 but Burroughs added 3% to \$64 1/4 and Honeywell 5% to \$62.

There was brisk turnover in utility stocks, always an indicator of market views on interest rates. Modest falls in Consolidated Edison, 5% off at \$34 1/4, and Commonwealth Edison, 5% down at \$30 1/2, suggested market concern that interest rates may be about to rise, increasing financial burdens on the utility sector.

There were some dull spots among the defence stocks as traders reacted nervously to signs that the battle over the federal budget will be renewed shortly. General Dynamics shed 5% to \$77 1/4. United Technologies 5% to \$40 and Boeing 5% to \$47 1/2.

In the credit markets, federal funds remained high despite the Fed's intervention with system repurchases when the rate touched 8% per cent. Other short-term rates were generally a few basis points higher, but trading was influenced by the resumption of business after the three-day weekend.

The bond market, facing a quiet week on the new issue front, held on to early gains which ranged to less than a quarter of a point. Trading was subdued.

TOKYO

Extended sojourn on sidelines

INVESTORS stayed firmly on the sidelines and share prices closed substantially lower in Tokyo yesterday, with budget-affected issues pacing the downturn, writes Shigeo Nishizaki of *Yomiuri* Press.

The Nikkei-Dow market average lost 95.88 from the previous day to 12,389.96. Volume decreased from the previous day's 338m shares to 324m. Declines outnumbered advances by a large margin of 517 to 271, with 151 issues unchanged.

The closure of Wall Street for the Labor Day holiday meant that the market lacked fresh incentives to influence the course of trading.

Investors were also concerned about the possibility of trade retaliation bills directed at Japan passing the U.S. Congress. Business corporations and securities houses' dealer sections were inactive, awaiting the business results of companies closing their books at the end of this month.

In lacklustre trading, constructions and other issues related to the Government's fiscal investments and loans programme lost ground almost across the board due to concern over their high price levels.

Wakachika Construction shed Y36 to Y275, Sato Kogyo Y20 to Y446, Fudo Construction Y30 to Y510 and Ohbayashi Y14 to Y426.

Issues which stand to benefit from increased capital spending by electric power companies got off to a fast start, but came under profit-taking pressure later. Meidensha Electric dipped Y8 to Y501 and Takaoka Electric, the sixth most active stock with a turnover of 6.08m shares, ended unchanged at Y370.

But biotechnology-related fisheries attracted buying interest. Taiyo Fishery, the third most active stock with 10.72m shares traded, gained Y9 to Y314. Nippon Suisan, fourth with 6.94m shares, rose Y5 to Y242.

Nippon Kogaku declined Y25 to Y890 on reports that its recurring profit in the business year ending in March 1986 would drop 15 per cent from the previous year, affected by the slump in the semiconductor market. Hitachi lost Y9 to Y681 and Matsushita Electric Industrial Y20 to Y1,190.

Mitsubishi Heavy Industries continued to attract investors' attention and topped the active list with 35.76m shares. But the issue closed Y4 lower at Y402. Large-capital Nippon Steel and Kobe Steel fell Y1 each to Y176 and Y199, respectively.

Minebea, the second busiest issue with 12.70m shares, advanced Y1 to Y805 after moving erratically. Bankrupt Sankin Steamship, now traded in a liquidation post, closed Y1 higher at Y12.

On the bond market, banks' stepped-up buying sent down the yield on 6.5 per cent government bonds falling due in December 1994 to 6.120 per cent at one point. But the yield rebounded later to 6.150 per cent, compared with 6.160 per cent the previous day.

AUSTRALIA

GOLD STOCKS helped inject interest into an otherwise dull session in Sydney as turnover continued to ease and the All Ordinaries index managed an 0.1 rise to 837.2.

Helped by a further decline in the Australian dollar, GMK led the gold sector with a 10 cent rise to AS11.70 while Sons of Gwalia added 5 cents to AS12.5.

BHP was again heavily traded with 1m shares moving through the market as it slipped 2 cents to AS7.06. Among other leading mining issues, North BHP added 4 cents to AS2.42 and Peko 5 cents to AS4.70.

SINGAPORE

PROFIT-TAKERS again took control in Singapore and pushed stocks lower across a broad front although turnover continued to decline.

The Straits Times Industrial index fell 2.92 to 751.86, reflecting the fact that price movements were generally slight.

Since Darby fell 4 cents to \$S1.77 following the release of slightly lower group results.

Hotel, property and commodity stocks eased in line with the general tone.

EUROPE

Amsterdam activated to hit peak

THE NEW system of continuous trading in Amsterdam stimulated activity sufficiently to push the ANP-CBS general index to a record peak for the second consecutive day. The index ended up 1.1 at 223.0.

Sentiment was also underpinned by the higher dollar, which boosted prices of most international companies with big dollar revenue bases, and by expectations of a new state loan to be launched today. The loan will carry a coupon well below the previous one.

Profit-taking also dampened prices in Zurich. Banks were generally mixed with Swiss Volksbank SwFr 5 higher at SwFr 1,870, Union Bank SwFr 5 lower at SwFr 4,375 and Swiss Bank SwFr 2 off at SwFr 478.

Bonds ended sharply lower, falling by as much as 50 basic points in the face of a stronger dollar. The Bundesbank continued its buying spree, taking up DM 128.8m worth of paper after buying DM 65.1m in the previous session.

Profit-taking also caused prices in Zurich to fall by 100 points with a further 29.95 fall to 1,586.22 - the first time the index has closed below 1,600 since the beginning of July.

Orient Overseas remained suspended while rumours continued to circulate about the scale of its problems.

Property stocks were hit hard with Cheung Kong down 30 cents to HK\$17.70, Hongkong Land off 20 cents to HK\$68.05 and Hongkong & Kowloon Wharf 15 cents lower at HK\$6.60.

HONG KONG

CONCERN over the problems at Orient Overseas Holdings and higher domestic interest rates combined to depress trading in Hong Kong and push stocks sharply lower.

The Hang Seng index added to Monday's 40 point slide with a further 29.95 fall to 1,586.22 - the first time the index has closed below 1,600 since the beginning of July.

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SOUTH AFRICA

NERVOUSNESS dominated trading in Johannesburg as the previous day's heavy losses were extended under the influence of political uncertainty and weakness in the bullion price.

Among leading gold stocks, Buffelsfontein fell R3.50 to R74, and Kloof 50 cents to R76. Lower priced stocks were also under selling pressure with Venterspoort off 25 cents to R17 and South African Land and Exploration 20 cents lower at R4.80.

Mining houses were mixed. Anglo American firmed 25 cents to R30.25 and Gold Fields of South Africa was down R1 to R33.

Industrial stocks also closed mixed on a slightly firmer bias.

CANADA

A GENERAL weakness developed in Toronto, forcing a broad range of stocks well down from the record levels achieved last week.

Banks eased with Bank of Nova Scotia trading CS1/4 down at CS13 1/4, Canadian Imperial off CS1/2 to CS38 1/4 and Toronto Dominion CS1/4 lower at CS24 1/4.

Montreal was active with industrial bank and utility stocks trading lower.

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Canada's Gold Maple Leaf offers many advantages. It is recognized throughout the world and requires no costly assay at resale to determine its purity. Also, a portion of the premium you pay over the price of gold is recovered on resale.

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